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LAWS

—OF—

WEST VIRGINIA ~~AG. COLLEGE~~ University.

MORGANTOWN:
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1867.

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REGULATIONS

FOR THE GOVERNMENT OF

West Virginia ~~Agricultural College~~ University.

CHAPTER I.

OBJECT OF THE COLLEGE.

1. By the Act of Congress, approved July 2, 1862, the object of this Institution is declared to be, "*to promote the liberal and practical education of the industrial classes in the several pursuits and professions in life.*"

CHAPTER II.

OF THE FACULTY.

1. The Faculty of the ~~College~~ University shall consist of a President, Vice President, and such Professors and Teachers as the Board of Regents may, from time to time, appoint.

2. Extraordinary Professors and Visitors, temporarily appointed or licensed, shall not be considered as members of the Faculty.

3. The Faculty have authority to make all orders and regulations necessary to the performance of their duties. They have the general control and direction of the studies pursued in the ~~College~~ University. They have cognizance of all offences committed by Undergraduates, and it is their special duty *individually* and collectively, to enforce the observance of all the laws and regulations for maintaining discipline and promoting order, virtue, piety, and good learning in the Institution.

4. They are authorized to license Teachers of the polite accomplishments, and of exercises conducive to health, and

the students are not permitted to attend Teachers not thus licensed.

5. They shall meet from time to time, on their own adjournment. Any three, of whom the President must be one, shall constitute a quorum. They shall appoint a Secretary, who shall keep a record of their proceedings. Each member shall have a free and equal voice in all deliberations and conclusions; but, in case the votes are equally divided, the President shall have the casting vote in addition to his vote as a member of the Faculty.

6. If any member of the Faculty wishes to dissolve his connection with the Board, he shall give sixty days notice; and he shall be entitled to a like notice from the Board.

7. An exemplary diligence in study and in the communication of knowledge and performance of every moral and religious duty, is required of the Faculty and Teachers. They shall, unless excused, attend all public exercises of the University ~~College~~ during the week and on the Sabbath. Regents

8. They shall recommend to the Board of ~~Visitors~~, at the annual meeting, such members of the Senior Class, in the several Departments of the ~~College~~, as shall have satisfactorily completed the course of study in said Departments, and as they shall deem worthy to receive the Degree of Bachelor of Arts, or Bachelor of Science, in regular course; and upon the day of Annual Commencement, in each and every year, they shall publicly, through the President, grant and confirm, by the authority in them vested, the Degree aforesaid, to so many of the classes aforesaid respectively, as the Board of ~~Visitors~~ shall approve.

Regents 9. They may, in like manner, nominate to the Board of ~~Visitors~~, such persons having been graduated A. B., or S. B., for three or more years, and having paid the prescribed fee, as they may deem deserving of the second or Master's Degree in the Arts or in Science, which Degree they shall confer as in the former case upon the approval of the Board of ~~Visitors~~. Regents,

10. The Faculty may recommend other persons as worthy to receive the first, second, or higher degrees in the Liberal Arts and in Science; and on receiving the approval of the Board of ~~Visitors~~ Regents shall confer said degrees.

University ~~College~~, shall engage in any occupation or pursuit which will interfere with the stated and punctual discharge of the duties of his office, unless permitted to do so by the Board of ~~Visitors~~. Regents,

12. No member of the Faculty shall connect himself or continue connected with any secret college fraternity, whether now in existence, or which may be formed hereafter; and all the members of the Faculty are required to exert their influence for the suppression of all such secret associations.

13. The Faculty shall enact a system of grading, government and administration, which shall be uniform in all the departments so far as is practicable. They have adequate power for all ordinary cases of order and discipline. The rank of the President shall be first; Vice President, second, and that of the Professors shall be severally as their seniority in office.

14. It shall be the duty of the President, as the Head of the College, to superintend all its interests, in every department, as he may deem expedient; to preside at all meetings of the Faculty and public assemblages of the College, and to see that the ordinances are observed by Professors and Teachers, as well as by Students. In his absence the Vice President, and in the absence of both President and Vice President, the senior Professor present shall take his place and be clothed with his authority, *pro tempore*.

CHAPTER III.

OF ADMISSION AND MATRICULATION.

1. Every candidate for admission into any Department of College, shall produce satisfactory evidence of a good moral character, and if he shall have been connected with any other College, he shall produce a certificate from the authorities of that College of his regular and honorable dismission and standing.

2. The qualifications for admission shall, from time to time, be determined by the Faculty, subject to the approbation of the Board of Visitors.

3. No student shall be admitted to an advance standing, unless he be found, on examination, to be equal to the class for which he is a candidate.

4. No person shall be admitted into the Senior class after the beginning of the College year.

5. If any candidate for any class give evidence that he is capable of pursuing the studies of that class—although de-

ficient in certain branches—he may be admitted on condition of making up such deficiency; and all such cases, with the proper limitation of time for each within which such deficiency is to be made up, are referred to the discretion of the Faculty.

6. No person shall be admitted into ~~College~~ University but by vote of the Faculty, taken after his testimonials have been submitted and his examination passed.

7. Every student shall be matriculated in the presence of the Faculty, by recording the name and the address of his father or guardian, his own age and residence, and signing his name to the following agreement, in a book kept for the purpose:

"Being admitted as a member of the ~~College~~ University, I promise and bind myself to obey the laws, rules and regulations of the same; to conduct myself with propriety; to be diligent in study; to be respectful to the Faculty, and to deport myself as a gentleman in morality and courtesy among my fellow students, and in the community generally.

"Witness my hand."

CHAPTER IV.

OF THE COURSE OF STUDY.

1. Instruction shall be given in the usual Academic, Collegiate and Scientific branches, including Agriculture and Military Tactics, as set forth in the Curriculum of Study.

2. The Faculty shall cause to be published, once a year, a circular, in which shall be set forth the distribution of those studies throughout the several departments and classes.

3. At the beginning of each session, and as much oftener as to the President may seem expedient, there shall be a meeting of the officers of instruction in which shall be assigned to each his part; Provided nothing more shall be assigned to the President over and above his proper chair than he shall voluntarily accept; and that the other Professors severally shall have the branches they profess included in their parts of the distribution. The frequency with which each class shall recite shall be determined at these meetings.

CHAPTER V.

OF THE ~~COLLEGE~~ University YEAR.

1. The public Commencement shall be held on the third Thursday in June of each year.

2. The ~~College~~ University shall include three sessions or terms of study, as follows, to wit:

The *first* term shall begin the first Monday of September and continue thirteen weeks.

The *second* term shall begin within a week or so after the close of the first term, and, not including the week between Christmas and New Year's, continue thirteen weeks.

The *third* term shall begin within a week after the close of second term and continue until Commencement.

CHAPTER VI.

EXAMINATIONS.

1. The several classes shall be examined at the close of each session, upon the studies of the session, and at the close of the year upon the studies of the year.

2. These examinations shall be oral, or written, or both, as may best test the proficiency of the student; they shall be conducted by or in the presence of at least two members of the Faculty beside the Professor in charge. With these may be associated such gentlemen as may be invited for the purpose.

3. The examination of the Senior Class may be held five weeks before Commencement.

CHAPTER VII.

GRADES AND HONORS.

1. Students shall receive from each Professor marks of merit or demerit, according to an equitable and uniform scale, for their attendance, punctuality, propriety of conduct, diligence and attainments. A monthly report of these marks shall be made to the Faculty and entered into a Register, to be considered in subsequent and general estimates of their merit and conduct.

2. At the close of each term, or oftener, a report shall be made to the parent or guardian, of the standing of the student for that term; also at the end of the year for that year, including the maximum of the class, the average and the attainable.

3. A roll of the Senior Class shall be made out, after their final examination, in the order of their general merit, and so reported to the Board of Visitors.

4. No Undergraduate shall be passed from one class to another above it, nor be recommended for a degree, whose standing shall not, in the aggregate, be equal to a certain minimum of what is attainable, to be fixed by the Faculty.

5. Honors, not exceeding four, shall be conferred on such members of the Senior Class as shall be found worthy;—Provided, that no honor be given to any whose grade is less than a certain minimum on an attainable scale to be fixed by the Faculty.

CHAPTER VIII.

ORATIONS AND ADDRESSES.

1. Declamations and exercises in Oratory shall be had every week, at such time and place as the Faculty may direct. These shall be assigned to the students in rotation; nor shall any student be exempt from them, except on account of natural impediments or other disqualifications, of which the Faculty, or President, may judge.

2. The orations pronounced by the Senior Class shall be of their own composition.

3. On Commencement day candidates for degrees shall perform such exercises as may be assigned them, unless for satisfactory reasons excused by the Faculty. All the exercises of Commencement, the number of the students and the number of each department represented, shall be at the discretion of the Faculty.

4. All original orations by Undergraduates to be pronounced in the presence of the College or of the public, shall be submitted to the President for correction or approval at least ten days before delivery.

5. Nothing indecent, immoral or disrespectful to the Government of the College shall at any time be delivered on the public stage, under penalty of such censure as the Faculty, or the Executive Committee, by their reference, shall judge proper.

6. No person shall be invited to address the Societies, or the students of the ~~College~~, upon anniversaries or other occasions, whose name has not first been submitted to the Faculty and received their approval.

CHAPTER IX.

RELIGIOUS WORSHIP and INSTRUCTION.

1. Prayer and reading of the Scriptures shall be had with the members of the ~~College~~ at the beginning of the exercises of each day of the week; on which services, and also on some approved public worship, all are expected to attend punctually and with due reverence.

2. Every student is required on Sabbath to abstain from all behavior inconsistent with that sacred day.

3. Any student may be allowed to attend on Sabbath the public service of any denomination of Christians having a place of worship in Morgantown, on his application to the President in writing, if of legal age; or if a minor, on the application of his parent or guardian, stating that such worship is that in which he has been educated, or which from conscientious motives he is desirous of attending.

CHAPTER X.

LITERARY AND OTHER SOCIETIES.

1. The Literary Societies existing and approved at the time of the transfer of Monongalia Academy and Woodburn Seminary to the State, shall be recognized and encouraged. They shall be under the protection and control of the Faculty, and their property under the guardianship of the Board of ~~Visitors~~. Regents

2. Other Societies for literary and religious purposes may also be authorized by the Faculty.

3. Their meetings shall be at such hours as the Faculty may approve.

4. They shall have power to adopt any such regulations as they may think proper for the management of their business during the period prescribed for their meetings; except that it shall be unlawful to admit to their halls any of their members, who have been expelled, dismissed or suspended from the ~~College~~ University, during the period of their suspension or dismission.

5. Resistance or disobedience to the requisitions and regulations of the Faculty, by any Society, shall subject the same to the closing of their doors and suspension of their privileges by the Faculty.

6. Secret societies or organizations among the students of the College are condemned, and shall be discouraged, and the members thereof shall be subjected to such admonition and discipline as the Faculty shall deem best adapted to effect the abandonment and suppression of such organizations.

CHAPTER XI.

RATES OF TUITION.

1. The charges for Tuition shall be, ~~for Spelling, Reading, Writing, Primary Geography and Mental Arithmetic in the Primary Department, three dollars ($3.00) per Term~~; for ~~other~~ studies in the Preparatory Department, five dollars ($5.00) per Term; and for the different departments in the College proper, eight dollars ($8.00), per Term.

2. The matriculation fees shall be, for the Freshman Class two dollars ($2.00), the Sophomore Class, four dollars ($4.00), the Junior Class six dollars ($6.00), and the Senior Class eight dollars ($8.00.)

3. The contingent fee shall be, one dollar ($1.00) in the Preparatory Department, and two dollars ($2.00) in the College Classes per Term. Each student must have a copy of the College Laws, to be furnished at cost.

4. All fees shall be paid in advance at the beginning of the Term in which they fall due; and no student shall be admitted to recitation in any class, until he shall have handed in the Treasurer's receipt for such payments.

CHAPTER XII.

MISCELLANEOUS.

1. No student shall absent himself from any recitation of his class without permission of the officer whose duty it may be to preside at that exercise; nor shall he leave the immediate precincts of the College without the written permission of President or Vice President.

2. Strict attention to the studies prescribed by the Faculty will be required, and habitual idleness will insure dismission from the college.

3. Indecent and profane language, rude and boisterous conduct, tippling, frequenting taverns, inns, beer-houses, places of mere idle amusement and resort of bad company, gambling, betting, games of chance, smoking tobacco within the college enclosure, or carrying concealed firearms or other deadly weapons, and every other species of vulgar and immoral conduct, are absolutely forbidden, and will subject the offender to punishment.

4. No student will be expected to inform on a fellow student, nor to criminate himself, but when called on as a witness in a particular offense, he shall be required to give full and true testimony.

5. Any student may be privately dismissed, or suspended, or reprimanded, or required to apologize by the Faculty for cause. Public expulsion shall be resorted to only in extreme cases, and shall require a majority of the Faculty and Executive Committee.

6. General meetings of the students are prohibited, unless the consent of the President, Vice President, or a presiding member of the Faculty be obtained. Public meetings of any Class must be previously authorized by some member of the Faculty.

7. No student shall be publicly suspended or expelled until he has had the opportunity of explaining or defending his conduct before the Faculty; but the Faculty shall have power to dismiss from the College privately, without the formalities of a trial, such students as are habitually idle or disorderly, or whose example and influence are pernicious to others.

8. Every member of the Graduating Class shall be present at Commencement, unless excused by the Faculty, for special and good reasons.

9. The College Library and all Museums of Curiosities, Coins or Minerals belonging to the College shall be under the control of the Faculty, who shall appoint the proper custodians for the same, and ordain the necessary regulations for their keeping and use.

10. Any Law or Ordinance of the College may be repealed, amended, or temporarily suspended at any regular meeting of the Board of Regents by a majority of the Board.

CATALOGUE

OF THE

OFFICERS AND STUDENTS

IN

West Virginia Ag. College.

WITH A STATEMENT OF THE COURSE OF INSTRUCTION
IN THE VARIOUS DEPARTMENTS.

1867–68.

MORGANTOWN:
MORGAN & HOFFMAN, PRINTERS.
1868.

BOARD OF VISITORS.

No. of District.	Member of Board.	P. O. Address.
1	T. H. LOGAN,	*Wheeling.*
2	D. B. DORSEY,	*Fairmont.*
3	GEORGE M. HAGANS,	*Morgantown.*
4	SAM'L BILLINGSLEY,	*Middlebourne.*
5	W. E. STEVENSON,	*Parkersburg.*
6	J. LOOMIS GOULD,	*Buckhannon.*
7	W. W. HARPER,	*Point Pleasant.*
8	MARK POOR,	*Ceredo.*
9	SAMUEL YOUNG,	*Edray.*
10	JOSEPH T. HOKE,	*Martinsburg.*
11	JAMES CARSKADON,	*New Creek.*

OFFICERS OF THE BOARD.

Hon. WM. E. STEVENSON, President.
Col. JAMES EVANS, Treasurer.
GEO. C. STURGISS, Esq., Secretary.

EXECUTIVE COMMITTEE.

Geo. M. Hagans, *Chairman.*
Hon. John A. Dille.
F. M. Durbin.
Ashbel Fairchild.
Geo. C. Sturgiss.

Faculty and Teachers.

Rev. ALEX. MARTIN, D. D., President,
AND PROFESSOR OF MENTAL AND MORAL SCIENCE.

Rev. JOHN W. SCOTT, D. D., LL. D., Vice President,
AND PROFESSOR OF LANGUAGES.

FRANKLIN S. LYON, A. M.,
PROFESSOR OF ENGLISH LITERATURE AND PRINCIPAL OF THE PREPARATORY DEPARTMENT.

Col. J. R. WEAVER, A. M.,
PROFESSOR OF MATHEMATICS AND MILITARY TACTICS.

SAMUEL G. STEVENS, A. M.,
PROFESSOR OF NATURAL SCIENCES.

GEORGE M. HAGANS, Esq.,
SUPERINTENDENT OF GROUNDS AND BUILDINGS.

.....
PROFESSOR OF MODERN LANGUAGES.

OLIVER W. MILLER, A. M.,
ASSISTANT INSTRUCTOR IN THE PREPARATORY DEPARTMENT.

SAMUEL G. STEVENS, A. M.,
SECRETARY OF THE FACULTY.

Col. J. R. WEAVER, A. M.,
LIBRARIAN.

STUDENTS.

SOPHOMORES.

Arnold, Eugene Hamilton.....*Morgantown, W. V.*
Dent, Marmaduke Herbert.....*Weston, Lewis county.*

FRESHMEN.

Jolliff, William Elza.....*White Day, Monongalia county.*
Scott, John Work.....*Churchtown, Lancaster county, Pa.*
Snider, Elisha.....*Easton, Monongalia county.*
Wilson, Thomas Campbell.....*Morgantown, W. V.*

PREPARATORY DEPARTMENT.

Adams, John Christian.....*Wheeling, W. V.*
Allen, Guy Richards Champline.....*Morgantown, W. V.*
Arnold, George William..... " "
Babb, Charles Montgomery.....*Locust Grove, Grant county.*
Bailey, Marshall.....*Flemington, Taylor county.*
Bailey, John William..... " "
Barbee, Gabriel Thomas.....*Maysville, Grant county.*
Blackshere, Elias Aaron.....*Mannington, Marion county.*
Border, Daniel Webster.....*Shepherdstown, Jefferson county.*
Boughner, William Leroy.....*Morgantown, W. V.*
Bowlby, Charles John.....*Mount Morris, Greene county, Pa.*
Bowman, William Thorne.....*Morgantown, W. V.*
Brown, Robert Ludington..... " "
Camden, John Squivner.....*Weston, Lewis county.*
Carper, Wirt Dale.....*Romine's Mills, Harrison county.*
Carter, Eldridge.....*Meredith's Tavern, Marion county.*
Cartwright, Isaac Taylor.....*Morgantown, W. V.*
Chadwick, William Dering..... " "
Chadwick, Richard Vincent..... " "
Clayton, John Festus.....*Hoodsville, Marion county.*
Collins, John Sivert.....*Bruceton Mills, Preston county.*
Coombs, Leslie.....*Stewarttown, Monongalia county.*
Conway, George.....*Basnettville, Marion county.*
Courtney, Sanford Simmons.....*Maidsville, Monongalia county.*
Cox, William Henry.....*South Macon, Macon county, Ill.*
*Dorsey, William.....*Morgantown, W. V.*

Dille, Oliver Hagans.....*Morgantown, W. V.*
Drabell, John Herschell..... " "
Evans, William Linzey.....*Stewarttown, Monongalia county.*
Evans, Thomas Ray.....*Morgantown, W. V.*
Evans, French Ensor..... " "
Fast, Jonathan Wesley.....*Forksburg, Marion county.*
Finnell, Alexander Mortimer.....*Morgantown, W. V.*
Fitch, James Plummer..... " "
Fleming, Julian Evans..... " "
Fleming, William Lazier.....*Franklin, Venango county, Pa.*
Foreman, Charles P.....*Bruceton Mills, Preston county.*
Guseman, John Albert.....*Morgantown, W. V.*
Hagans, George Harrison..... " "
Hagans, Lucian Livingston.....*Brandonville, Preston county.*
Hall, John Durbin.....*Morgantown, W. V.*
Hayes, William Walter..... " "
Harding, Noland Bruce.....*Bruceton Mills, Preston county.*
Harner, George W..... " " " "
Haymond, William.....*Morgantown, W. V.*
Hinkle, Amby.. .....*Mount Freedom, Pendleton county.*
Hoffman, Daniel Clarke.....*Morgantown, W. V.*
Hooper, William Smith.....*Grafton, Taylor county.*
Hopkins, Henry Clay.....*Parkersburg, W. V.*
Howell, Fleming.....*Morgantown, W. V.*
Howell, William Moses..... " "
Huggins, John Wesley.....*Bruceton Mills, Preston county.*
Ice, Edgar.....*Barracksville, Marion county.*
Jacobs, Thomas Perry.....*Tunnelton, Preston county.*
Jarrett, Absalom Morris.....*Morgantown, W. V.*
Jolliff, Joseph Clinton.....*White Day, Monongalia county.*
John, Altha Franklin.....*Stewarttown, Monongalia county.*
Keck, Julius Marcellus.....*Morgantown, W. V.*
Kincaid, George Washington..... " "
King, Elijah Daniel Webster.....*Jackson C. H.*
Lazier, Andrew Foreman.....*Morgantown, W. V.*
Lazzell, Samuel Courtney..... " "
Lazzell, Thomas Allen..... " "
List, Thomas Eugene.....*Wheeling, W. V.*
Low, James C.....*Morgantown, W. V.*
McAfee, Samuel Henry.....*Andy, Monongalia county.*
McGinnis, Elijah Piles.....*Newberg, Preston county.*
McLane, Alan Elza.....*Morgantown, W. V.*
McLaughlin, William Alexander.....*Bellaire, Ohio.*
Madera, Charles.....*Morgantown, W. V.*
Martin, James Virginius..... " "
Mason, James H.....*White Day, Monongalia county.*
*Mattingly, George Perry.....*Parkersburg, W. V.*
Mattingly, Thomas Conley..... " "
Mays, Jacob William.....*Forksburg, Marion county.*

Merrill, Joseph Morgan.....*Rivesville, Marion county.*
Moore, Charles Andrew.....*Morgantown, W. V.*
Nicoll, James Walton.....*Wheeling, W. V.*
Onins, John Fletcher.....*Morgantown, W. V.*
Osgood, George Kendall.....*Ceredo, Wayne county.*
Pillsbury, Joshua Plummer.....*Wheeling, W. V.*
Pitzer, William Anthony.....*Martinsburg, Berkeley county.*
Polsley, Edgar Atheling.....*Point Pleasant, Mason county.*
Porter, William Franklin.....*Grafton, Taylor county.*
Pratt, Edgar Woods.....*Wheeling, W. V.*
Price, John Evans.....*Mooresville, Monongalia county.*
Price, Thomas Horner..... " "
Prichard, Charles Albert.....*Mannington, Marion county.*
Prichard, William Taylor..... " "
Protzman, Thomas Frederick.....*Morgantown, W. V.*
Protzman, Lowell Mason..... " "
Protzman, Ethelbert Jolliff..... " "
Purinton, Daniel Boardman..... " "
Purinton, Aaron Lyon..... " "
Purinton, George Dana..... " "
Reed, James Sansom.....*Wheeling, W. V.*
Reppart, L. G.....*Independence, Preston county.*
Rider, George Winfield.....*Morgantown, W. V.*
Riley, William Wirt.....*Jackson, C. H.*
Ritchie, Samuel Hunter.....*Uniontown, Pa.*
Rogers, William.....*Morgantown, W. V.*
Sayers, Norman Willey.....*Waynesburg, Pa.*
Shaffer, Perry Sylvanus.....*Grafton, Taylor county.*
Smith, Benjamin Wells.....*Ripley, Tyler county.*
Smith, Clarence Linden.....*Fairmont, Marion county.*
Stephenson, Andrew Clark.....*Parkersburg, W. V.*
Steuart, Aaron Cromwell.....*North Mountain, Berkeley county.*
Stewart, Alexander Milton.....*Morris' X Roads, Fayette county, Pa.*
Tavener, James.....*Parkersburg, W. V.*
Taylor, James Marsh.....*Wheeling, W. V.*
Teter, William J. Worth.....*Belington, Barbour county.*
Vance, James Cyrus.....*Morgantown, W. V.*
Vandervort, Thomas Ruble.....*Easton, Monongalia county.*
Vandervort, James William..... " "
Vandervort, Homer Rosco..... " "
Wagner, Caleb Edwin.....*Morgantown, W. V.*
Wagner, Allen Kramer..... " "
Way, George..... " "
Weaver, Bushrod.....*Easton, Monongalia county.*
Wells, Elmore W.....*Morgantown, W. V.*
White, Israel.....*Jollytown, Greene county, Pa.*
Willey, John Byrne.....*Morgantown, W. V.*
Wilson, James Lewis.....*Grafton, Taylor county.*

*Dismissed.

PRIMARY DEPARTMENT.

Baremore, C. W.....Morgantown, W. V.
Bright, G. R.....Morgantown, W. V.
Bright, Simon.....Morgantown, W. V.
Chadwick, David.....Morgantown, W. V.
Carraco, Marcellus.....Morgantown, W. V.
Coburn, W. T.....Rosedale, Pa.
Drabell, R. L.....Morgantown, W. V.
Drabell, Meigs.....Morgantown, W. V.
Dering, R. W.....Morgantown, W. V.
Dering, H. S.....Morgantown, W. V.
Dille, C. B.....Morgantown, W. V.
Fitch, D. P.....Morgantown, W. V.
Fife, Cyrus.....Morgantown, W. V.
Gilmer, M. J.....Morgantown, W. V.
Harmison, P. D.....Bridgeport, W. V.
Hustead, A. F.....Morgantown, W. V.
Hagans, W. L.....Morgantown, W. V.
Hayes, C. A.....Morgantown, W. V.
Hough, Walter.....Morgantown, W. V.
Haymond, F. T.....Morgantown, W. V.
Hickman, I. N.....Morgantown, W. V.
Hoffman, W. K.....Morgantown, W. V.
Jenkins Leroy.....Morgantown, W. V.
Kiger, Norval.....Morgantown, W. V
Kiger, Nye.....Morgantown, W. V.
Kinsley, John.....Morgantown, W. V.
Kinsley, Joseph.....Morgantown, W. V.
Kinsley, Ed.....Morgantown, W. V.
Millan, E.....Morgantown, W. V.
Morris, H. P.....Morgantown, W. V.
Martin, J. E.....Morgantown, W. V.
Martin, C. A.....Morgantown, W. V.
Madera, C. A.....Morgantown, W. V.
Madera, Marshall.....Morgantown, W. V.
Mestuzat, Walter.....Morgantown, W. V.
McLure, McBurney.....Wheeling, W. V.
Odbert, Gilmore.....Morgantown, W. V.
Porter, W. N.....Morgantown, W. V.
Price, George.....Morgantown, W. V.
Price, Willie.....Morgantown, W. V.
Pickenpaugh, Samual.....Morgantown, W. V.
Rogers, Dan.....Morgantown, W. V.
Rogers, Geo.....Morgantown, W. V.
Ray, T. P.....Morgantown, W. V.
Reppert, William.....Nicholasville, Ky.
Reppart, Frank.....Nicholasville, Ky.

Shanks, William.....Morgantown, W. V.
Stine, G. M.....Morgantown, W. V.
Stine, Jacob.....Morgantown, W. V.
Sisler, B. F.....Stewarttown, W. V.
Sheets, Ely.....Morgantown, W. V.
Sheets, Jerome.....Morgantown, W. V.
Shay, John.....Morgantown, W. V.
Shay, J. E.....Morgantown, W. V.
Shean, Frank.....Morgantown, W. V.
Vance, R. A.....Morgantown, W. V.
Wade, C. N.....Morgantown, W. V.
Wade, S. S.....Morgantown, W. V.
Wright, P. J.....Morgantown, W. V.
Wilson, E. W.....Morgantown, W. V.

STATE CADETS.

John C. Adams,..... 1st District.
J. Plummer Pillsbury,.. " "
Israel C. White,..... 2d District.
John Hall,..... " "
William T. Bowman,.... 3d District.
James L. Wilson,..... " "
Benjamin W. Smith,.... 4th District.
Aaron C. Stewart,..... " "
John H. Drabell,..... 6th District.
Marmaduke H. Dent,... " "
Edgar Polsley,..... 7th District.
George K. Osgood,..... 8th District.
William J. W. Teter,... " "
George Rider,..... 9th District.
Perry S. Shaffer,..... " "
Daniel W. Border,.....10th District.
William A. Pitzer,..... " "
Gabriel T. Barbee,.....11th District.
Amby Hinkle,..... " "

OFFICERS OF MILITARY CORPS.

Captain ELDRIDGE CARTER, Drill-Master in Infantry Tactics.
Captain J. P. PILLSBURY, Drill-Master in Cavalry Tactics,
Captain CLARENCE L. SMITH, Drill-Master in Artillery Tactics.
James L. Wilson, First Lieutenant and Acting Adjutant.
John W. Scott, Second Lieutenant.

John C. Adams, First Sergeant.
William A. Pitzer, Second Sergeant.
Thomas C. Wilson, Second do.
William T. Prichard, Third do.
Israel White, Fourth do.
John W. Bailey, Fourth do.
James C. Jolliff, Fifth do.
Marshall Bailey, Fifth do.

Next to those promoted as officers and sergeants the following have taken rank as *First and Second Five* respectively, in progress, including exactness of movement, proficiency in Manual of Arms, and development of true soldierly bearing:

FIRST FIVE.

James W. Nicoll,
John H. Drabell,
Daniel W. Border,
Marmaduke H. Dent,
Charles M. Babb.

SECOND FIVE.

Eugene H. Arnold,
Benjamin W. Smith,
Gabriel T. Barbee,
James V. Martin,
Aaron C. Steuart.

COLLEGE DRUM CORPS.

Elijah P. McGinnis, Fifer.
James V. Martin, do.
Edgar W. Pratt, Tenor Drummer,
James W. Nicoll, " "
Andrew F. Lazier, " "
Noland B. Harding, " "
Thomas R. Evans, Bass Drummer.

VOLUNTEER LABOR CORPS.

John C. Adams,
Charles M. Babb,
William D. Chadwick,
Marmaduke H. Dent,
William W. Hayes,
Lucian L. Hagans,
James V. Martin,
James W. Nicoll,
William F. Porter,
Charles A. Prichard,
William A. Pitzer,
James S. Reed,
John W. Scott,
Benjamin W. Smith,
William J. W. Teter,
James W. Vandervort.

NORMAL CLASS.

Gabriel T. Barbee,
Sanford S. Courtney,
George W. Kincaid,
Elijah D. W. King,
James N. Mason,
Joseph M. Merrill,
Elijah P. McGinnis,
George K. Osgood,
Daniel B. Purinton,
William W. Riley,
Benjamin W. Smith,
Aaron C. Steuart,
Alexander M. Stewart,
Israel White,
James L. Wilson.

RECAPITULATION.

Sophomores,	2
Freshmen,	4
Preparatory Department,	118
Primary Department,	60
	184

Courses of Study.

PREPARATORY DEPARTMENT.

FIRST YEAR.

FIRST TERM.

Geography, English Grammar,
Arithmetic, First Lessons in Latin.

SECOND TERM.

Geography, English Grammar,
Arithmetic, Latin Grammar and Reader.

THIRD TERM.

Arithmetic, English Grammar,
Latin Grammar and Reader, First Lessons in Greek.

SECOND YEAR.

FIRST TERM.

Cæsar, Algebra, Watts on the Mind,
Greek Grammar and Reader, Physical Geography,

SECOND TERM.

Algebra, Greek Grammar and Reader.
Cicero's Orations, History of the United States.

THIRD TERM.

Virgil, Anabasis,
Geometry, History of the United States.

Regular lessons in Latin and Greek Grammar from beginning, and in Writing, Spelling, Elocution and English Composition.

LITERARY DEPARTMENT.

FRESHMAN CLASS.

FIRST TERM.

Algebra; Greek Historians; Virgil; Geometry.

SECOND TERM.

Trigonometry and Spherical Geometry; Homer's Iliad;
History of English Literature. Virgil;

THIRD TERM.

Horace; Odes and Epodes; Homer's Odyssey; Mensuration, Surveying and Navigation; Potter's Mechanic Arts.

Lessons in Greek New Testament, Ancient Geography and Greek Antiquities, and in Rhetorical Exercises throughout the year.

SOPHOMORE CLASS.

FIRST TERM.

Conic Sections and Analytical Geometry; Rhetoric;
Xenophon's Memorabilia; Horace, *Satires and Epistles.*

SECOND TERM.

Logic; Natural Philosophy, *Mechanics;*
Plato's Apology and Crito; Anatomy, Zoology and Physiology.

THIRD TERM.

Inorganic Chemistry; Nat. Phil., *Hydrostatics and Pneumatics;*
Differential and Integral Calculus; Livy.
Lessons in Greek New Testament, Ancient Geography and Roman Antiquities, and in Rhetorical Exercises, with Lectures, throughout the year.

JUNIOR CLASS.

FIRST TERM.

Mental Philosophy; Organic Chemistry;
Greek Tragedies; Flint and Emerson's Manual of Agriculture.

SECOND TERM.

Nat. Phil., *Electricity, Magnetism and Optics;* Mineralogy and Geology.
Political Economy; Tacitus, *Germania and Agricola.*

THIRD TERM.

Astronomy; Demosthenes on the Crown;
Political Economy; Constitution of the United States.
Lessons in Greek New Testament, in Composition and Declamation, and in Universal History, throughout the year.

SENIOR CLASS.

FIRST TERM.

Moral Philosophy; Astronomy;
Botany and Meteorology; Cicero De Officiis.

SECOND TERM.

Greek Tragedies; Guizot's History of Civilization;
Butler's Analogy; Elements of Criticism.

THIRD TERM.

International Law; Natural Theology and Ev. Christianity.
Languages Reviewed; Mathematics Reviewed.
Forensic Exercises and Original Orations throughout the year. The Study of French or German is allowed as an equivalent for certain other branches at the option of the Student.

SCIENTIFIC DEPARTMENT.

FIRST YEAR.

FIRST TERM.

Algebra; Geometry; Rhetoric; French.

SECOND TERM.

Trigonometry and Spherical Geometry; History of English Literature; Logic; French.

THIRD TERM.

Mensuration; Surveying and Navigation; Potter's Mechanic Arts; French.

SECOND YEAR.

FIRST TERM.

Conic Sections and Analytical Geometry, Manual of Agriculture, Mental Philosophy, German; Universal History.

SECOND TERM.

Mechanics; Anatomy, Zoology and Physiology; Guizot's History of Civilization; German; Universal History.

THIRD TERM.

Inorganic Chemistry; Astronomy; Natural Theology and Evidences of Chrisitanity; Hydrostatics and Pneumatics; German; Universal History.

THIRD YEAR.

FIRST TERM.

Organic Chemistry; Moral Philosophy; Astronomy; Botany and Meteorology.

SECOND TERM.

Acoustics, Electricity, Magnetism and Optics; Mineralogy and Geology; Political Economy; Elements of Criticism.

THIRD TERM.

Political Economy; Constitution of the United States; Calculus; International Law.

AGRICULTURAL DEPARTMENT.

FIRST YEAR.

FIRST TERM.

Manual of Agriculture; Physical Geography; History; French or German. Lectures on the Chemistry, Structure and Physiology of Plants,—on the Water, Atmosphere and Soil as related to Vegetables,—on Tillage, Draining and Manuring.

SECOND TERM.

Anatomy, Zoology and Physiology; Mineralogy and Geology; History; French or German. Lectures on Domestic Animals and their Digestion, Respiration, Assimilation and Excretion,—on the Composition, Preparation and Value of different kinds of Food,—on Milk, Butter, Cheese, Flesh and Wool as Agricultural Products.

THIRD TERM.

Potter's Application of Science to the Mechanic Arts; History; French or German. Lectures on Horticulture and Kitchen Gardening,—on the Propagation, Training and Culture of Fruit Trees, the Vine, Small Fruits and Vegetables,—Excurisons.

SECOND YEAR.

FIRST TERM.

Botany; Meteorology; Rhetoric; French or German. Lectures on the Staple grain, forage, root and fiber crops of this and adjoining States and their varieties and the soils best adapted for them,—on the preparation of soil, seeding, cultivating, harvesting and preparing for market,—on the Origin and Natural History of Domestic Animals,—on Entomology and the Insects useful and hurtful to vegetation,—Excursions.

SECOND TERM.

History of English Literature; Logic; French or German. Lectures on the raising, care, characteristics and adaptation of different breeds of Domestic Animals,—on Cattle for beef or draught, and Sheep for wool or mutton,—on Horses, Swine and Poultry,—on pasturing, soiling and stall feeding,—on Tobacco, Hops and Forestry.

THIRD TERM.

Constitution of the United States and of West Virginia; International Law; Natural Theology and Evidences of Christianity; Lectures on Rural Economy,—on the History of Agriculture with sketches of the same in Ancient and Modern Times and Foreign Lands,—on the Adaptation of Farming to soil, climate, market and other Natural and Economical conditions,—on the different systems of Husbandry such as stock, sheep, grain and mixed farming,—Excursions.

MILITARY DEPARTMENT.

The Course of instruction in this Department consists of Infantry, Artillery and Cavalry Tactics; the use of the Sword, Bayonet and Foil; Ordnance, Gunnery; Military Engineering and the Science of War.

INFANTRY TACTICS.

The drill conforms to the system of Infantry Tactics established for the regulation of the Army, comprising the Schools of the Soldier, Company and Battalion; the evolutions of the line, and manual exercises of Light Infantry and Riflemen.

CAVALRY TACTICS,

Will comprise the School of the Trooper dismounted, of the Platoon and Squadron, and manual exercise of Sabre and Broadsword.

ARTILLERY TACTICS,

Will consist of exercises of Field and Garrison Artillery; Manœuvres of the Piece; and Target Practice.

The Course occupies three years, and is distributed as follows:

FIRST YEAR.

FIRST TERM.—*Infantry Tactics.*—Organization and formation of Squad and Company; Facing and Wheeling; March in Line and by Flank; Manual of Small Arms, and Target Practice.

SECOND TERM.—*Cavalry Tactics.*—Schools of the Trooper and Platoon dismounted; Sabre drill.

THIRD TERM.—*Artillery Tactics.*—School of the Piece and School of the Section; Nomenclature of the different parts of the gun, carriage, and limber; Manual of loading and firing blank.

SECOND YEAR.

FIRST TERM.—Practical Instruction in *Infantry Tactics,* Organization of Battalion; Forming column in mass at half and full distances and reforming into line; forming and reducing square; Bayonet exercise; Zouave and Skirmish drill.

SECOND TERM.—Practical Instruction in *Cavalry Tactics;* Organization and School of the Company and Regiment; Drill in Fencing with small and broad-sword.

THIRD TERM.—Practical Instruction in *Artillery Tactics;* Kinds and Composition of projectiles; Calculation of distances and elevations by application of Trigonometry; Target practice with shot and shell.

THIRD YEAR.

FIRST TERM.—Theoretical and Practical Instruction in Infantry Tactics; Military Engineering and the Science of War; Military Organizations, Campaigning, and Strategy.

SECOND TERM.—Theoretical and Practical Instruction in Cavalry Tactics; Evolutions of the Regiment; Charge and Scout; together with the art of self-defense mounted and dismounted.

THIRD TERM.—Theory and Practice of Gunnery; Review of the laws of motion of projectiles; Construction and adaptation of projectiles according to the distance and character of the object of attack.

Dress Parades are held daily as often as the weather will permit. *Inspections* and *Reviews* are held weekly, or by Special Order as often as thought necessary.

SCOPE OF THE COLLEGE.

The Constitution of the State makes it the duty of the Legislature to "foster and encourage Moral, Intellectual, Scientific, and Agricultural improvement; and to make provision for the organization of such Institutions of Learning as the best interests of general Education may demand." The Act of Congress which, in part, endowed the College declares that its object is "to promote the liberal and practical Education of the industrial classes in the several pursuits and professions of life." The Board of Visitors appointed by the Legislature to organize the College were instructed to "establish such Departments of Education in Literature, Science, Art, Agriculture, and Military Tactics, (including a Preparatory Department), as they may deem expedient and as the funds placed under their control may warrant."

DEPARTMENTS.

There are five of these, already, in operation. The Course of Instruction is necessarily modified by the condition of our schools. If all the children of the State had the advantage of good High School or Academic training the Studies of the College would be in advance of what they now are. The standard will be raised just as rapidly as it can be done without shutting out from the College those who most need its advantages.

The *Preparatory Course* is designed to meet the wants of those who are too young, or who are not sufficiently advanced to enter the other Departments. The *Literary Course*, in extent and exactness, corresponds to that of our best American Colleges. The *Scientific Course* affords a general preparation for those pursuits which require extensive acquaintance with the Sciences. In the *Agricultural Course* special attention will be given to Agriculture, Horticulture, Rural Economy, and the Mechanic Arts. The *Military Course* complies with the demands of the Act of Congress, and is arranged so as not only not to interfere with but to promote instruction and discipline in other studies. An *Optional Course* is allowed those students whose special tastes or necessities prevents them from graduating in any of the regular Departments. On its completion a certificate, showing the extent of the course pursued, will be granted.

A *Normal Class* for the special advantage of Teachers is formed during the Spring Term.

TERMS OF ADMISSION.

Applicants for admission to any Department must present satisfactory evidence of being morally, mentally and physically qualified to pursue to advantage the Course of Study to which they propose to give their attention. If coming from other Colleges or High Schools, they must present certificates of honorable dismission. All Students pledge themselves to obey the Rules and Regulations of the College.

EXAMINATIONS.

Public Examinations, at which all the Students are required to be present, are held at the close of each Term. Also, in the regular College Classes, at the close of each year, upon all the studies of that year.

CALENDAR.

The College Year consists of thirty-nine weeks, divided into three Terms of thirteen weeks each. An interval of about one week occurs between the first and second, and between the second and third Terms. Also a recess of one week at Christmas. Students are received at any time, but it is exceedingly desirable that they be present at the opening of the Term, as the exercises begin promptly on the day appointed, and any time lost affects the standing of the Student. Terms and vacations for the College Year 1868–69, begin and end as follows, viz:

September 1, Fall Term begins.
November 27, " " ends.

December 7, Winter Term begins.
March 6, 1869, " " ends.

March 15, " Spring Term begins.
June 15, " Annual Meeting of Board of Visitors.
June 16, " Spring Term ends.

TERMS OF TUITION.

Primary Classes, payable in advance,	$3.00
Preparatory " " "	5.00
Collegiate " " "	8.00

Students in the Preparatory Department pay one dollar, in the other Departments two dollars per term Contingent fee. Two Cadets may be appointed by each Visitor from his District free of charge for tuition, books, or stationery.

BOARDING,

including everything except lights and washing, can be had in the College for $3.50 per week. Some of the Teachers, also, occupy part of the building. Boarding in town varies from $3.00 to $4.00 per week.

DISCIPLINE.

A record is kept by the Faculty, in which are entered the grade of Scholarship of each Student, his absence from the exercises of the Institution, and such other facts as are worthy of notice with respect to his general deportment. An abstract from this record is sent at the close of each Term to parents and

guardians so that they may see what, and how their sons or wards are studying, and how they stand in scholarship and deportment. In case of negligence, irregularity, or other misconduct the Student will be privately admonished and the parent or guardian will be informed of the fact. Mere inattention to study will, if persisted in, insure dismission from College. No Student is allowed to leave the College precincts, during Term time, without special permission.

Students from abroad under fifteen years, should have their money sent to, and their bills settled by Col. Weaver, Registrar of the College.

RELIGIOUS INSTRUCTION AND WORSHIP.

The exercises of each day are opened with reading the Scriptures and prayer, at which all the students are required to be present. They are also required to attend regularly some place of religious worship on the Sabbath, and on all occasions to treat the institutions of religion with respect.

LIBRARY.

A respectable beginning towards a College Library has already been made. We respectfully request the friends of Education to make contributions to its shelves. Also to collect and forward specimens suitable for a Museum, and for Cabinets of Natural History and of the Natural Sciences. Such contributions will be thankfully received, carefully preserved, and the date of reception, whence procured, and the name of the donor permanently attached to them.

LITERARY SOCIETIES.

There are two of these in connection with the College, furnished with suitable Halls, and whose exercises of Composition, Reading, Orations, Debate, and Criticism are, in many respects, of great advantage to the student. They also afford facilities for the study of, and for acquaintance with, parliamentary forms, and the acquisition of business habits. The authorities of the College will afford every facility for increasing the accommodations and usefulness of these valuable auxilliaries.

LOCATION.

Morgantown, the seat of the College, is beautifully located on the right bank of the Monongahela river, Monongalia county, West Virginia. The scenery around is exceedingly attractive and picturesque. The place has long been famous for its social, intellectual and moral culture, and general healthfulness. Coaches leave every morning to and from Fairmont, on the Baltimore and Ohio Railroad. There is also a daily conveyance between Morgantown and Uniontown, Pa. Steamboats from Pittsburgh arrive every day at Geneva, twelve miles below Morgantown. A place more eligible for the quiet and successful pursuit of Science and Literature is no where to be found.

CATALOGUE

OF THE

OFFICERS AND STUDENTS

IN

West Virginia University.

WITH

THE COURSES OF INSTRUCTION

AND

A GENERAL DESCRIPTION OF THE INSTITUTION.

1869-70.

MORGANTOWN:
MORGAN & HOFFMAN, PRINTERS.
1869.

Board of Regents.

No. of District.	Member of Board.	P. O. Address.
1	*T. H. LOGAN,*	*Wheeling.*
2	*Hon. F. H. PEIRPOINT,*	*Fairmont.*
3	*GEORGE M. HAGANS,*	*Morgantown.*
4	*SAM'L BILLINGSLEY,*	*Middlebourne,*
5	*Hon. A. I. BOREMAN,*	*Parkersburg.*
6	*J. LOOMIS GOULD,*	*Buckhannon.*
7	*W. W. HARPER,*	*Point Pleasant,*
8	*MARK POOR,*	*Ceredo.*
9	*SAMUEL YOUNG,*	*Edray.*
10	*JAMES CARSKADON,*	*New Creek.*
11	*JOSEPH T. HOKE,*	*Martinsburg.*

OFFICERS OF THE BOARD.

———— ———— *President.*

Col. James Evans, *Treasurer.*

George C. Sturgiss, *Secretary.*

EXECUTIVE COMMITTEE.

Geo. M. Hagans, *Chairman.*
Hon. John A. Dille,
F. M. Durbin,
Ashbel Fairchild,
Geo. C. Sturgiss,
Alex. Martin.

Faculty and Teachers.

REV. ALEX. MARTIN, D. D., PRESIDENT,
AND PROFESSOR OF MENTAL AND MORAL SCIENCE.

F. S. LYON, A. M., VICE PRESIDENT,
PROFESSOR OF ENGLISH LITERATURE, AND PRINCIPAL OF PREPARATORY DEPARTMENT.

COL. J. R. WEAVER, A. M.,
PROFESSOR OF MATHEMATICS AND MILITARY TACTICS.

SAMUEL G. STEVENS, A. M.,
PROFESSOR OF NATURAL PHILOSOPHY AND OF THE NATURAL SCIENCES.

HENRY M. HARMAN, D. D.,
PROFESSOR OF ANCIENT AND MODERN LANGUAGES AND LITERATURE.

OLIVER W. MILLER, A. M.,
ASSISTANT IN THE PREPARATORY DEPARTMENT.

A. G. ALCOTT,
TEACHER OF ELOCUTION.

GEORGE M. HAGANS, ESQ.,
SUPERINTENDENT OF GROUNDS AND BUILDINGS.

HUGH W. BROCK, M. D.,
LECTURER ON PHYSIOLOGY AND HYGIENE.

HON. JOHN A. DILLE,
LECTURER ON CIVIL AND CONSTITUTIONAL LAW.

SAMUEL G. STEVENS, A. M.,
SECRETARY OF THE FACULTY.

COL. J. R. WEAVER, A. M.,
LIBRARIAN.

STUDENTS.

Literary Department.

JUNIOR.

DENT, MARMADUKE HERBERT.....*Weston, Lewis County.*

SOPHOMORES.

JOLLIFF, WILLIAM ELZA.....*White Day, Monongalia county.*
SNIDER, ELISHA.....*Easton,* " "
WILSON, THOMAS CAMPBELL.....*Morgantown,* " "

FRESHMEN.

BORDER, DANIEL WEBSTER.....*Frederick City, Maryland.*
DRABELL, JOHN HERSCHELL,.....*Morgantown.*
LOUCHERY, DANIEL CARSON.....*Cherry Camp, Harrison county.*
MCLANE, ALAN ELZA.....*Morgantown.*
PORTER, WILLIAM FRANKLIN.....*Grafton, Taylor county.*
PURINTON, DANIEL BOARDMAN.....*Morgantown.*
SMITH, BENJAMIN WELLS.....*Ripley, Tyler county.*

Scientific Department.

FIRST CLASS.

DILLE, OLIVER HAGANS.....*Morgantown.*
EVANS, THOMAS RAY.....*"*
HALL, JOHN DURBIN.....*"*

Preparatory Department.

Adams, John Christian.....*Wheeling.*
Allen, William Stone.....*Uniontown, Pa.*
Allen, Charles Barton..... " "
Allen, Guy Richards Champline.....*Morgantown.*
Allender, Joseph Shuttlesworth..... "
Anderson, John Coombs.....*Easton, Monongalia county.*
Arnett, William Jerome.....*Arnettsville,* " "
Babb, Charles Montgomery.....*Locust Grove, Grant county.*
Bailey, Charles Edwin.....*Wheeling.*
Bailey, Thornsberry Emm.....*Flemington, Taylor county.*
Basnett, Elza Leroy.....*Morgantown.*
Billmyer, William Hammond.....*Shepherdstown, Jefferson county.*
Boughner, William Leroy.....*Morgantown.*
Bowlby, Charles John.....*Mount Morris, Greene county, Pa.*
Bowman, William Thorne.....*Morgantown.*
Boyers, James Ess.....*Randall, Monongalia county.*
Bradford, Alexander Ashley.....*Washington, D. C.*
Brown, William.....*Andy, Monongalia county.*
Burns, Miller Stewart.....*Fairmont, Marion county.*
Caldwell, Benson McMechen.....*Moundsville, Marshall county.*
Caldwell, Joseph Bailey.....*Wheeling.*
Carlile, William Dorsey.....*Clarksburg, Harrison county.*
Carper, Wirt Dale.....*Romine's Mills,* " "
Carter, Eldridge.....*Meredith's Tavern, Marion county.*
Chadwick, Richard Vincent.....*Morgantown.*
Chadwick, David..... "
Cobun, William Sanford..... "
Coffman, William Taylor.....*Lewisburg, Greenbrier county.*
Coleman, Elijah Chalfant.....*Morgantown.*
Combs, Leslie.....*Stewarttown, Monongalia county.*
Conway, George.....*Basnettsville, Marion county.*
Coombs, Charles.....*Easton, Monongalia county.*
Coombs, Scott..... " " "

Cox, James Alfred.....*Arnettsville, Monongalia county.*
Davidson, Eldon.....*Fiemington, Taylor county.*
Dean, George Albert.....*Wheeling.*
Deen, John Shreaves William.....*Buckhannon, Upshur county.*
Detwiler, Henry Eff.....*Pennsville, Fayette county, Pa.*
Dille, Clarence Brown.....*Morgantown.*
Dillon, William James.....*Wheeling.*
Dix, Daniel Worth.....*Nicholas Court-House.*
Dolliver, Jonathan Prentiss.....*Granville, Monongalia county.*
Dolliver, Robert..... " " "
Duval, Walter Kuhn.....*Wellsburg, Brooke county.*
Etchison, William Peaco.....*Fort Laramie, Dacotah Territory.*
Fast, Jonathan Wesley.....*Forksburg, Marion county.*
Fitch, James Plummer.....*Morgantown.*
Fleming, Julian Evans..... "
Foggy, William Hoy.....*Beverley, Randolph county.*
Forman, Charles P.....*Brucetou, Preston county.*
Foster, Charles.....*Ridge Farm, Vermillion county, Ill.*
Glass, Woodward.....*Wheeling.*
Golden, Franklin Augustus.....*Wayne Court-House.*
Hagans, Lucian Livingston.....*Brandonville, Preston county.*
Hagans, George Harrison.....*Morgantown.*
Hagans, William Lucian..... "
Harding, Noland Bruce.....*Brucetou, Preston county.*
Hart, Charles.....*Clarksburg, Harrison county.*
Hayes, William Walter.....*Morgantown.*
Haymond, Lewis.....*Clarksburg, Harrison county.*
Hewitt, Christian.....*Linton, Jefferson county, Ohio.*
Hillory, William Sanford.....*Wadestown, Monongalia county.*
Hoffman, Daniel Clarke.....*Morgantown.*
Howell, Allen.....*Wheeling.*
Howell, William Moses.....*Morgantown.*
Huggins, John Wesley.....*Brucetou, Preston county.*
Jacobs, Thomas Perry.....*Tunnelton, " "*
Jolliff, Joseph Clinton.....*White Day, Monongalia county.*
Jolliff, Jacob Clayton..... " " " "
John, Altha Franklin.....*Stewarttown, " "*
John, Frank..... " " "

Kincaid, George Washington.....*Morgantown.*
Kincaid, John Wesley..... "
King, Elijah Daniel Webster.....*Jackson Court-House.*
Koontz, Winfield Scott.....*Easton, Monongalia county.*
List, Thomas Eugene.....*Wheeling.*
List, Ambrose Shaw..... "
Logie, John Harry.....*Kerneysville, Jefferson county.*
Lynch, Hiram Jr.....*Brown's Creek, Harrison county.*
Lynch, Charles Wesley..... " " " "
Martin, James Virginius.....*Morgantown.*
Martin, John Errian..... "
Martin, Winfield Scott.....*Farmington, Marion county.*
Mason, James.....*White Day, Monongalia county.*
Merrill, Joseph Morgan.....*Rivesville, Marion county.*
Morgan, Benjamin Stephen.....*Laurel Point, Monongalia county.*
Morgan, William Asbury.....*Mannington, Marion county.*
McClure, Taylor Bascom.....*Louisa, Lawrence county, Kentucky.*
McEwen, Jacob Alexander.....*New Concord, Muskingum county, O.*
McKee, Henry Franklin.....*Brandonville, Preston county.*
McLure, Harry.....*Wheeling.*
McRa, Waitman.....*Clinton Mills, Monongalia county.*
Nicoll, James Walton.....*Wheeling.*
Orr, Harry..... "
Osgood, George Kendall.....*Ceredo, Wayne county.*
Paden, William Mervin.....*Sardis, Monroe county, Ohio.*
Paden, George Edwin..... " " " "
Park, John Wesley Hedges.....*Capon Bridge, Hampshire county.*
Peirson, Edgar Pee.....*Triadelphia, Ohio county.*
Pitzer, William Anthony.....*Martinsburg, Berkeley county.*
Powell, Thomas.....*Flemington, Taylor county.*
Pratt, Edgar Woods.....*Wheeling.*
Price, Thomas Horner.....*Mooresville, Monongalia county.*
Prichard, Charles Albert.....*Mannington, Marion county.*
Prichard, William Taylor..... " " "
Purinton, Aaron Lyon.....*Morgantown.*
Rader, Archibald Fleming.....*Summersville, Nicholas county.*
Rafferty, James Cole.....*Sewickly, Allegheny county, Pa.*
Ray, Thomas Patrick.....*Morgantown.*

Reed, James Sansom.....*Wheeling.*
Reed, James Madison.....*Morgantown.*
Rider, George Winfield..... "
Rogers, William..... "
Roraback, John Zebulon.....*Albion, Orleans county, N. Y.*
Schaeffer, Gustavus Cresap.....*Kingwood, Preston county.*
Simmons, David Floyd.....*Weston, Lewis county.*
Smith, Clarence Linden.....*Fairmont, Marion county.*
Smith, Winfield William.....*Bruceton, Preston county.*
Stansberry, Stephen.....*White Day, Monongalia county.*
Steele, Israel Milton..... " " " "
Steele, William Edgar.....*Fairmont, Marion county.*
Steuart, Aaron Cromwell.....*North Mountain, Berkeley county.*
Stewart, Cassius Milton.....*Wheeling.*
Sturgiss, Adoniram Judson.....*Smithfield, Fayette county, Pa.*
Tarr, Clarence Campbell.....*Wellsburg, Brooke county.*
Tarr, Hammond..... " " "
Temple, Marcellus Luther.....*Wadestown, Monongalia county.*
Teter, William Jay Worth.....*Belington, Barbour county.*
Thrasher, William Marshall.....*Piedmont, Mineral county.*
Vance, James Cyrus.....*Morgantown.*
Wagner, Allen Kramer..... "
Way, George..... "
Weills, Solomon Franklin.....*Oakland, Md.*
White, Israel.....*Jollytown, Greene county, Pa.*
Willey, John Byrne.....*Morgantown.*
Wilson, William Columbus Quitman.....*Smithtown, Monongalia county.*
Woods, Jacob Sherman Shriver.....*Wheeling.*
Woodward, James Lawrence..... "
Worley, Jesse Lee.....*Blacksville, Monongalia county.*
Young, Francis Reed.....*Cherry Camp, Harrison county.*

STATE CADETS,

John C. Adams,	1st District.
Joseph B. Caldwell,	" "
Israel C. White,	2d District.
John D. Hall,	" "
William T. Bowman,	3d District.
John W. Huggins,	" "
Benjamin W. Smith,	4th District.
Aaron C. Steuart,	" "
Walter H. Duval,	5th District.
Charles A. Foster,	" "
John H. Drabell,	6th District.
Marmaduke H. Dent,	" "
William M. Paden,	7th District.
Daniel W. Dix,	" "
George K. Osgood,	8th District.
Franklin A. Golden,	" "
George Rider,	9th District.
Archibald F. Rader,	" "
Charles M. Babb,	10th District.
Clarence L. Smith,	" "
Daniel W. Border,	11th District.
William A. Pitzer,	" "

Officers of Military Corps.

William A. Pitzer, *Adjutant.*

COMPANY A.

Clarence L. Smith, ... Captain.
Thomas C. Wilson, ... 1st Lieutenant.
John H. Drabell, ... 2d Lieutenant.

William E. Jolliff, ... 1st Sergeant.
Benjamin W. Smith, ... 2d Sergeant.
Israel C. White, ... 3d Sergeant.
Daniel W. Border, ... 4th Sergeant.
William F. Porter, ... 5th Sergeant.
James W. Nicoll, ... Drummer.

COMPANY B.

John C. Adams, ... Captain.
Marmaduke H. Dent, ... 1st Lieutenant.
Daniel B. Purinton, ... 2d Lieutenant.

Alan E. McLane, ... 1st Sergeant.
Franklin A. Golden, ... 2d Sergeant.
Benson McM. Caldwell, ... 3d Sergeant.
John W. Huggins, ... 4th Sergeant.
William P. Etchison, ... 5th Sergeant.
George A. Dean, ... Drummer.

VOLUNTEER LABOR CORPS.

Miller S. Burns,
William T. Coffman,
Richard V. Chadwick,
Oliver H. Dille,
Charles P. Forman,
N. Bruce Harding,
James V. Martin,
Milton J. Steele,
Clarence C. Tarr.

NORMAL CLASS.

Joseph S. Allender,
John C. Anderson,
William J. Arnett,
William T. Coffman,
James A. Cox,
John S. W. Deen,
Daniel W. Dix,
William H. Foggy,
William S. Hillory,
George W. Kincaid,
Elijah D. W. King,
Hiram Lynch, Jr.,
James H. Mason,
Waitman McRa,
Benjamin S. Morgan,
George E. Paden,
Daniel B. Purinton,
Aaron L. Purinton,
Gustavus C. Schaeffer,
Daniel F. Simmons,
Winfield W. Smith,
Stephen Stansberry,
William E. Steele,
Adoniram J. Sturgiss,
Israel White,
William C. Q. Wilson,
Francis R. Young.

RECAPITULATION.

Junior,	1
Sophomores,	3
Freshmen,	7
Scientific Department,	3
Preparatory Department,	140
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Course of Study.

Preparatory Department.

FIRST YEAR.

FALL TERM.

Geography—Guyot's Com. Sch.; Map Drawing.

Arithmetic—Robinson's Prog. Pract.

English Grammar—Etymology.

Latin—Commenced.

WINTER TERM.

Geography—Guyot Continued; Map Drawing.

Arithmetic—Continued.

English Grammar—Syntax.

Latin—Grammar and Reader.

SPRING TERM.

Arithmetic—Completed.

English Grammar—Analysis of Sentences.

Latin—Grammar and Reader.

Greek—Bullions' First Lessons.

PREPARATORY DEPARTMENT.

SECOND YEAR.

FALL TERM.

Algebra—Robinson's New Elementary, to Involution.

Watts on the Improvement of the Mind.

Cæsar: Latin Grammar.

Greek Grammar and Reader.

WINTER TERM.

Algebra—Elementary Completed.

History of the United States—Wilson's.

Cicero's Orations—Bullions'; Latin Grammar.

Greek Grammar and Reader.

SPRING TERM.

Geometry—Robinson's First Five Books.

History of the United States—Completed.

Virgil—Three Books of Æneid; Latin Grammar.

Xenophon's Anabasis; Greek Grammar.

Regular Lessons in Writing, Spelling, Elocution and English Composition from the beginning.

Literary Department.

FRESHMAN CLASS.

FALL TERM.

Virgil—Æneid; Arnold's Prose Composition.

Herodotus; Lessons in Greek Grammar.

Algebra—Robinson's University.

Geometry—Robinson's, commencing at Book VI.

WINTER TERM.

Virgil—Bucolics and Georgics; Arnold's Latin Prose Composition.

Homer's Iliad; Greek Grammar.

Spherical Geometry and Trigonometry.—Robinson's.

Shaw's Manual of English Literature. (Smith's Edition.)

SPRING TERM.

Horace—Odes and Epodes.

Homer's Odyssey; Arnold's Greek Prose Composition.

Mensuration, Surveying and Navigation.—Robinson's.

Botany—Gray's School and Field Book.

Lessons in Greek New Testament, Ancient Geography and Greek Antiquities, and in Rhetorical Exercises throughout the year.

LITERARY DEPARTMENT.

SOPHOMORE CLASS.

FALL TERM.

Horace—Satires and Epistles.

Xenophon's Memorabilia; Arnold's Greek Prose Composition.

Conic Sections and Analytical Geometry.—Robinson's.

Rhetoric—Whately's.

WINTER TERM.

Plato's Apology and Crito.

Logic.—Coppee.

Potter's Science applied to the Practical and Mechanic Arts.

Physics—Inorganic Chemistry.

SPRING TERM.

Livy—Lincoln's.

Differential and Integral Calculus.—Loomis's.

General History.—Webber's.

Physics—Organic Chemistry.

Lessons in Greek New Testament, Ancient Geography and Roman Antiquities, and Rhetorical Exercises, with Lectures, throughout the year.

LITERARY DEPARTMENT.

JUNIOR CLASS.

FALL TERM.

Euripides—Alcestis.

Mental Philosophy.—Haven's.

Agriculture—Flint and Emerson's Manual.

Physics—Mechanics and Solid State of Matter.

WINTER TERM.

Tacitus—Germania and Agricola.

Political Economy.—Perry.

Physics—Astronomy.

" Hydrostatics, Pneumatics and Acoustics.

SPRING TERM.

Demosthenes on the Crown.

Constitution of the United States.

Physics—Astronomy.

" Optics, Heat and Electricity. (Silliman's Physics.)

Lessons in Greek New Testament, in Composition and Declamation, and in Universal History, throughout the year.

LITERARY DEPARTMENT.

SENIOR CLASS.

FALL TERM.

Cicero De Officiis.

Moral Philosophy.

Physics—Dana's Geology; Mineralogy.

Human Anatomy and Physiology.

Zoology—Lectures.

WINTER TERM.

Sophocles—Œdipus Tyrannus.

Butler's Analogy.

Guizot's History of Civilization.

Elements of Criticism.

SPRING TERM.

Natural Theology and Evidences of Christianity.

International Law.

Languages Reviewed.

Mathematics Reviewed.

Forensic Exercises and Original Orations throughout the year. The Study of French or German is allowed as an equivalent for certain other branches at the option of the Student.

Scientific Department.

FIRST YEAR.

FALL TERM.

German—Ahn's Method.

Robinson's University Algebra.

" Geometry,—Book VI, and remaining ones.

Rhetoric—Whately.

WINTER TERM.

German—Ahn's Method.

Trigonometry and Spherical Geometry.

Shaw's Manual of English Literature.

Logic—Coppee.

SPRING TERM.

German—Adler's Reader.

Mensuration, Surveying and Navigation.

Gray's School and Field Book of Botany.

Constitution of the United States.

SCIENTIFIC DEPARTMENT.

SECOND YEAR.

FALL TERM.

French—Fasquelle's French Course.

Conic Sections and Analytical Geometry.

Flint and Emerson's Manual of Agriculture.

Mechanics, and the Solid State of Matter. (Silliman's Physics.)

WINTER TERM.

French—Fasquelle, (completed.)

Political Economy.—Perry.

Inorganic Chemistry.

Hydrostatics, Pneumatics and Acoustics.

SPRING TERM.

French—Dumas' Napoleon.

Differential and Integral Calculus.—Loomis's.

Organic Chemistry.

Optics, Heat and Electricity.

SCIENTIFIC DEPARTMENT.

THIRD YEAR.

FALL TERM.

Mental Philosophy—Haven's.

Moral Philosophy.

Anatomy and Physiology; Zoology.

Mineralogy and Geology.

WINTER TERM.

Guizot's History of Civilization.

Elements of Criticism.

Science Applied to the Domestic and Mechanic Arts.

Astronomy.

SPRING TERM.

International Law.

Natural Theology and Evidences of Christianity.

Astronomy, completed.

Mathematics Reviewed.

Military Department.

FIRST YEAR.

FIRST TERM.—*Infantry Tactics.*—Organization and formation of Squad and Company; Facing and Wheeling; March in Line and by Flank; Manual of Arms, and Target Practice.

SECOND TERM.—*Cavalry Tactics.*—Schools of the Trooper and Company dismounted; Sabre drill.

THIRD TERM.—*Artillery Tactics.*—School of the Piece and School of the Section; Nomenclature of the different parts of the gun, carriage, and limber; Manual of loading and firing blank.

SECOND YEAR.

FIRST TERM.—Practical Instruction in *Infantry Tactics,* Organization of Battalion; Forming column in mass at half and full distances, and reforming into line; Forming and reducing the Square; Bayonet exercise; Zouave and Skirmish drill.

SECOND TERM.—Practical Instruction in *Cavalry Tactics;* Organization and School of the Squadron and Evolutions of the Regiment; Drill in Fencing with Foil and Broad-sword.

THIRD TERM.—Practical Instruction in *Artillery Tactics;* History and Manufacture of Gunpowder; Construction and Classification of Ordnance and Projectiles; Target Practice with Shot and Shell.

THIRD YEAR.

FIRST TERM.—Military Engineering.—Topography; Description and and Construction of Field Works and Permanent Fortifications; Mining; Military Roads and Bridges.

SECOND TERM.—Science of Gunnery.—Review of the Laws of Motion of Projectiles; Application of Trigonometry to Calculation of Distances; Kinds, Elevation, Time and Range of Fire; Adaptation and Effect of Projectiles to the distance and character of the object of attack.

THIRD TERM.—Art of War.—Military Organizations; Strategy illustrated by History; Grand Tactics. *Military Law.*—Articles of War; General Army Regulations; Courts-Martial and Military Commissions.

DRESS PARADES are held daily, as often as the weather will permit. Guard-Mounting, Inspections and Reviews are held weekly or by Special Orders as often as expedient.

AGRICULTURAL DEPARTMENT.

FIRST YEAR.

FALL TERM.

Geometry; Manual of Agriculture;

Anatomy, Physiology and Zoology.

Lectures on the Chemistry, Structure and Physiology of Plants; on the Water, Atmosphere and Soil as related to Vegetables; on Tillage, Draining and Manuring.

WINTER TERM.

Trigonometry and Spherical Geometry; Inorganic Chemistry;

History of English Literature.

Lectures on Domestic Animals and their Digestion, Respiration, Assimilation and Excretion; on the Composition, Preparation and Value of different kinds of Food; on Milk, Butter, Cheese, Flesh and Wool as Agricultural Products.

SPRING TERM.

Mensuration and Surveying; Organic Chemistry; Botany.

Lectures on Horticultural and Kitchen Gardening; on the Propagation, Training and Culture of Fruit Trees, the Vine, Small Fruits and Vegetables; Excursions.

SECOND YEAR.

FALL TERM.

Geology; Moral Philosophy; Book Keeping.

Lectures on the Staple grain, forage, root and fibre crops of this and adjoining States, and their varieties and the soils best adapted for them; on the preparation of soil, seeding, cultivating, harvesting and preparing for market; on the Origin and Natural History of Domestic Animals; on Entomology and the Insects useful and hurtful to vegetation; Excursions.

WINTER TERM.

Mechanic Arts; Political Economy; History of Civilization.

Lectures on the raising, care, characteristics and adaptation of different breeds of Domestic Animals; on Cattle for beef or draught, and Sheep for wool or mutton; on Horses, Swine and Poultry; on Pasturing, Soiling and Stall Feeding; on Tobacco, Hops, and Forestry.

SPRING TERM.

Constitution of the United States and of West Virginia;

International Law; General History.

Lectures on Rural Economy; on the History of Agriculture with sketches of the same in Ancient and Modern Times and Foreign Lands; on the Adaptation of Farming to soil, climate, market and other natural and economical conditions; on the different systems of Husbandry, such as stock, sheep, grain and mixed farming; Excursions.

TABULAR VIEW OF THE EXERCISES for THE YEAR 1869-70.*

	Class.	9—9¾	9¾—10½	10½—11¼	11¼—12
1st Term.	FRESH.	Math. Alg.	Greek.	Math. Geom.	Latin.
	SOPH.	Greek.	Mathematics.	Latin.	Rhetoric.
	JUN.	Agriculture.	Mental Philos.	Chemistry.	Greek.
	SEN.	Latin.	Technology.	Ethics.	Astronomy.
2d Term.	FRESH.	Mathematics.	Latin.	Eng. Literature.	Greek.
	SOPH.	Chemistry.	Greek.	Anat. and Phys	Logic.
	JUN.	Latin.	Physics.	Polit. Econ.	Astronomy.
	SEN.	Butler's Anal.	Hist. Civilization.	Greek.	Criticism.
3d Term.	FRESH.	Latin.	Botany.	Mathematics.	Greek.
	SOPH.	History.	Mathematics.	Latin.	Chemistry.
	JUN.	Astronomy.	Greek.	Physics.	Const. U. S.
	SEN.	Mathematics.	Nat. Theology.		Internat'l Law.

The First and Second Classes of the Scientific Department will recite French in the afternoon and their other lessons at the hours mentioned in the Table for the various studies.

Students in the Agricultural Department will recite with those classes so long as their number does not warrant separate provisions for them. The hours for recitation in the Preparatory Department will be determined upon from term to term. Instruction and Drill in the Military Department occupy the last hour of the afternoon.

*The arrangement of Studies in this Table, varies slightly from that laid down in the Course of Study, so as to meet the necessities of the present Classes which have partially completed the Course as formerly published. Possibly it may be necessary to vary from it sometime during the year.

ORIGIN AND SCOPE OF THE UNIVERSITY.

The subject of advanced Education has been in various forms before the people of West Virginia for years, but without any liberal provision having been made for the same until quite recently. The Constitution of the State makes it the duty of the Legislature to "*foster and encourage Moral, Intellectual, Scientific, and Agricultural improvement; and to make provision for the organization of such institutions of learning as the best interests of general education may demand.*" The National Congress having donated certain lands "*in order to promote the liberal and practical education of the industrial classes in the several pursuits and professions in life,*" the Legislature accepted the same, and appointed a Board to organize the Institution, with instructions to "*establish Departments of Education in Literature, Science, Art, Agriculture, and Military Tactics—including a Preparatory Department.*"

The proceeds of the sale of Congressional lands amounted to 90,000 dollars. The citizens of Morgantown contributed in grounds, buildings and money about 50,000 dollars. The Legislature, realizing the necessity and immense value of such an Institution; its incalculable worth to the youth of the Commonwealth and of the country—scores of whom, in ever increasing numbers, have resorted to its Halls—has generously appropriated 16,000 dollars per year for the further endowment and for the current expenses of the University, having, pursuant to the formal recommendation of the Governor and in harmony with the design and scope of the Institution, changed its name from "The Agricultural College of West Virginia," to that of "WEST VIRGINIA UNIVERSITY." We trust that in the extent and in the quality of its work, and the thoroughness of its discipline and culture, as well as adaptation to the demands of the age, it will prove itself deserving of no second rate position among the Institutions of our land. It designs by its instruction in *Literature* and *Art*—in *Language*, ancient and modern—in *Mathematics*, pure and applied—in the *Sciences*, physical, mental, moral and social—by its recitations, lectures, examinations and elevating influences to educate, inform and discipline the Student's mind; to strengthen his moral principles, and supply such general and generous as well as special culture as will best prepare him for success and usefulness in whatever pursuit or profession may be his life-work.

DEPARTMENTS OF INSTRUCTION.

There are five of these already in operation.

1. *Preparatory*, designed to meet the wants of those who are too young, or who are not sufficiently advanced to enter the other Departments.

2. *Literary*, in extent and exactness corresponding to that of our best American Colleges.

3. *Scientific*, which affords a general preparation for those pursuits that require extensive acquaintance with the Sciences.

4. *Agricultural*, embracing the various branches of Agriculture, Horticulture, Rural Economy, and the Mechanic Arts.

5. *Military*, which is arranged so as not only not to interfere with, but to promote, instruction and discipline in other Departments.

Lectureships in Civil and Constitutional Law, and in Physiology, Hygiene and related subjects have also been established.

An *Optional Course* is allowed those Students whose special tastes or necessities prevent them from graduating in any of the regular Departments.

A *Normal Class*, for the special advantage of Teachers, is formed every Spring. In this the ordinary school studies are carefully reviewed, exactness and readiness in explanation and definition acquired, and instruction in the most approved methods of organizing and conducting schools imparted. The Trustees of the Peabody Fund have furnished aid to various young men who, through this Department, are seeking to qualify themselves for higher usefulness as Teachers.

TERMS OF ADMISSION.

Applicants for admission to any Department must present satisfactory evidence of being qualified to pursue to advantage the Course of Study to which they propose to give their attention. If coming from other Colleges or Universities they must present certificates of honorable dismission. An accurate acquaintance with the studies required for admission to any Department is indispensable in order to receive the full advantage of the Course. Every Student admitted to a class higher than the first year must be examined on the previous Studies of the Class which he desires to enter.

EXAMINATIONS.

Three public examinations, at which all the Students are required to be present, are held during the year,—one at the close of each Term. These may be conducted by written papers or by oral questions. Reports of the Deportment and Scholarship of the Students are sent to the parents or guardian after each examination.

CALENDAR.

The Annual Session of 39 weeks is divided into three Terms of 13 weeks each. An interval of a few days occurs between the Fall and Winter, and between the Winter and Spring Terms. Also a recess of a week or ten days about Christmas. It is highly important that Students be present at the first recitation of their classes. The exercises begin promptly on the day designated, and any time lost affects the standing of the Student and perhaps embarrasses his whole course. Students entering after the Term has opened must take such studies as can be conveniently assigned them.

1869. June 10, Annual examination begins.
" June 13, Annual Discourse by the President.
" June 14, Prize Contest.
" June 15, Address before the Societies by Hon. W. E. Stevenson.
" June 16 { Commencement, and laying the Corner Stone of the new University Hall.

1869. September 7, Fall Term begins.
" December 3, " " ends.

" December 7, Winter Term begins.
" December 23, Christmas recess begins.
1870. January 5, " " ends.
" March 17, Winter Term ends.

" March 22, Spring Term begins.
" June 16, " " ends. Commencement Day.

EXPENSES.

Preparatory Department, ...$5.00 per Term of 13 weeks.
Other Departments, ... 8.00 " " " "

Students in the Preparatory Department pay one dollar, in the other Departments two dollars per term contingent fee.

Two Cadets may be appointed by each Regent, free of charge for tuition, books or stationery. Boarding varies from $3.50 to $4.00 per week.

PRIZES.

The following prizes have been established, viz:

I. To that member of the Volunteer Labor Corps who, without neglecting his other studies, shall have shown himself, practically and scientifically, most efficient in the cultivation of the ground assigned him, $25. To the second and third in merit, $15 and $10 respectively. The prizes to be awarded under the direction of the Superintendent, by a committee of citizens appointed by the Executive Committee.

II. To the Student who shall write the best Essay upon a given subject, $25. To the Student who shall be adjudged the best Declaimer, $15. These prizes to be adjudged after public competition by a committee of citizens appointed by the Faculty.

III. To the Student who shall be adjudged by the Faculty to excel in general department, $25. To the second in merit, $15. If preferred the prizes may be given in the shape of medals, time-pieces, or books.

The Trustees of the "Peabody Educational Fund" have also, through their General Agent, Dr. Barnas Sears, placed at the disposal of the University the sum of Five Hundred Dollars, to be given to such young men of the Normal Department as may be in need of aid, and who will engage in the profession of Teaching in this State.

DISCIPLINE.

The Rules of the University require that every Student shall be in his place at all stated exercises from the opening to the close of his connection with the University. A record is kept in which are entered the grade of Scholarship of each Student, his absence from the exercises of the Institution, his tardiness, or failure in recitation, unless satisfactorily accounted for. An abstract from this record is sent at the close of each Term to parents or guardians so that they may see what, and how their sons or wards are studying, and how they stand in scholarship and deportment. In case of negligence,

irregularity, or other misconduct, the Student will be privately admonished and the parent or guardian will be informed of the fact. Mere inattention to study will, if persisted in, insure dismission from the University. No Student is allowed to leave the town during Term time, without special permission.

Students from abroad under fifteen years, should have their money sent to, and their bills settled by Col. Weaver, Registrar of the College.

RELIGIOUS INSTRUCTION AND WORSHIP.

The exercises of each day are opened with reading the Scriptures and prayer, at which all the Students are required to be present. They are also required to attend regularly some place of religious worship on the Sabbath, and on all occasions to treat the institutions of religion with respect.

LIBRARY.

A respectable beginning towards a University Library has already been made. About a thousand volumes have been carefully selected and placed on its shelves, including not only, many choice and valuable books of reference, but also standard works in the various departments of History, Biography, Theology, Agriculture, Art, Science and General Literature.

We respectfully request the friends of Education to make contributions to its shelves. There have been received the following donations of books to the Library, viz:

	VOLUMES.	SIZE.
From the Office of Secretary of State:		
Constitution and Statutes, 1861–1868	3	
From Adjutant General's Office: Reports, 1864–65	2	
From Rev. W. A. Hooper:		
Baxter's Works	4	8 vo.
Cousin's History of Modern Philosophy	2	12 mo.
Tennyson's Poems	2	12 mo.
From R. B. Carr, Esq.: Congressional Globe	2	4 to.
From Hon. W. T. Willey:		
Several Packages of Congressional Documents	40	
From Stephen Shepley, Esq., Fitchburg, Mass.:		
Agriculture of Massachusetts, Flint	4	8 vo.
Fitchburg, (Massachusetts,) in the War	1	8 vo.
Hoogeveen's Lexicon of Greek Idioms, in vellum, (Published in 1766	1	8 vo.
Whitby on the New Testament	2	Folio.
Dr. Lymon Patrick's Paraphrases, } Commentary—William Lowth's, } Published in 1765	4	Folio.
Annual Reports of Worcester North Ag. Society	4	
From Alexander L. Wade, Esq.:		
Railroad Map of the United States and Map of the World		
From Hanway & Lorentz:		
Allen's American Biographical Dictionary	1	8 vo.
Alexander's Moral Philosophy	1	12 mo.
Prince of House of David	1	12 mo.

	VOLUMES.	SIZE.
Life of John Fitch,	1	12 mo.
Teacher Teaching,	1	12 mo.
Writings of Andrew Broaddus,	1	12 mo.
New Themes for Prot. Clergy,	1	12 mo.
Memorial of Mrs. Breckinridge,	1	12 mo.
American Merchant in Europe,	1	12 mo.
Mendelssohn's Letters from Italy,	1	12 mo.
From Washington: Public Documents,	281	
From Washington: Congressional Globe,	16	
From Major J. H. Bristor, Wheeling, West Va.:		
Casey's Infantry Tactics,	3	16 mo.
McClellan's Bayonet Exercise,	1	12 mo.
From Rev. J. W. Scott, D. D.:		
Rev. Robert Hall's Works,	3	8 vo.
Good's Book of Nature,	1	8 vo.
From American Unitarian Association, Boston:		
Theological and Biographical	40	8 vo.
From Smithsonian Institute:		
Smithsonian Contributions	15	4 to.
Meteorological Observations	4	4 to.
Miscellaneous Collections	7	8 vo.
Smithsonian Annual Reports	4	8 vo.
From Rev. G. W. Arnold:		
Christian Dictionary, (Published in 1655,)	1	8 vo.
History of Slavery,	1	8 vo.
Dymond's Moral Science	1	12 mo.
From Rev. J. D. Onins:		
Dick's Works	1	8 vo.
From Ed. Wright, Secretary of State, Iowa:		
Law Reports, Vol. XXII		
From Hon. J. C. McGrew:		
Memorial Addresses on Life and Character of Hon. Thad Stevens.		
Agricultural Reports, 1867.		
From Rev. Henry M. Harman, D. D.:		
Nautical Almanac, 1868.		

To purchase Books for the Library:

Hon. John A. Dille,	$200 00
Col. James Evans,	200 00
George M. Hagans, Esq.,	100 00
William Wagner,	25 00
Hon. W. T. Willey,	100 00
John H. Hoffman,	100 00
Alexander Martin,	100 00
George C. Sturgiss,	50 00
Alexander L. Wade,	20 00

Copies, also, of the Daily Wheeling *Intelligencer*, of the Tri-weekly Wheeling *Register*, and of nearly all the weekly journals in the State, as well as of several from other States, have been cheerfully donated to the Reading Room of the University. We trust these are but the beginnings of larger gifts. We earnestly call upon our friends everywhere, and especially upon the citizens of our own State, to aid us in collecting and forwarding to their University samples of any thing rare and valuable in the animal, mineral or vegetable kingdoms, or any thing serving to illustrate the antiquities, natural or civil history, geology, botany, mineralogy, &c., of the State, or any section of the State or the world.

MUSEUM AND APPARATUS.

A beginning has also been made in procuring valuable Apparatus for the illustration of Mechanics, Hydrostatics, Acoustics and Chemistry. A superior Theodolite for surveying, leveling, and civil engineering, and also an excellent Microscope, and other Apparatus, have been secured. Specimens in Mineralogy, Zoology, the Mollusca, and Articulata have been procured. Also a small Cabinet of Fossils, &c. We request the friends of Education to collect and forward specimens suitable for the Museum, and for Cabinets of Natural History and of the Natural Sciences. Such contributions will be thankfully received, carefully preserved, and the date of reception, whence procured, and the name of the donor permanently attached to them.

Donations have been received during the past year as follows:

Spirifera and fossil roots in Limestone, from Lexington, Ky., presented by R. W. Hazlitt, M. D., Ohio county, West Virginia.

Stalagmites, &c., from Weyer's Cave, and specimens of Marble from the Shenandoah Valley, by Rev. J. W. Webb, Wheeling, West Virginia.

Eighty mounted Microscopic objects and specimens, principally Diatomaceæ and Infusoria, from the Microscopic Society of West Virginia, through Dr. Ed. Bocking, Corresponding Secretary.

Lepidodendron, presented by Mrs. Dr. Dent, Granville, West Virginia.

Specimens of Marbles from Tennessee, Iowa, Spain, The Pyrences, and Egypt, by G. W. Prickett, Chicago, Illinois.

Fossilliferous Limestone, President A. Martin.

Petrified Stump of a Tree, Monongalia county, by H. W. Brock, M. D., Morgantown, West Virginia.

Singular Breccia found on Cheat river, by Rev. J. B. Blakeney, Morgantown.

Petrified Wood, found on Cheat river, by Mr. Wm. Dancer, of Morgantown.

Petrified Wood, found on Cheat river, by B. Marsteller, of Morgantown.

Slips of Olive Wood, &c., from the Garden of Gethsemane, near Jerusalem, by Joseph Seybold, Esq., Wheeling, West Virginia.

Revolving Map, by Alexander L. Wade, Esq., Morgantown.

Shells, Stones, &c., from different parts of Asia, Africa, and Europe, by Joseph Seybold, Esq.

Coins,—Russian, Turkish, Greek, Italian, Bavarian, &c., copper, silver and mixed, by Joseph Seybold, Esq.

Twenty-five Silver, Copper, &c., Coins, mostly American, and of various dates, by William Phillips, Wheeling.

Moss Agates, from Black Hill Range, Rocky Mountains, Dacotah Territory, by William S. Coburn, Morgantown.

Cross-Cut Saw, used in building Fort Henry, (where Wheeling now stands,) in 1777, donated to Soldier's Fair in Wheeling, by Th. G. Culbertson, Esq., and purchased at close of the Fair by Dr. J. C. Hupp, of that city, and by him presented to the State University.

Antique Belt, &c., from the effects of the late Mrs. L. Cruger, near Wheeling, presented by Mrs. Judge Caldwell, Moundsville, West Virginia.

Cheyenne Arrow, shot into the Stage Coach near Ft. Lyon, New Mexico in the Summer of 1868, presented by T. R. Willey, Morgantown.

One pair Antlers from an American Deer, presented by Geo. M. Hagans, Esq., Morgantown.

Very beautiful specimens of Fossil Fern Leaves, by Miss Hattie L. Dering, Morgantown.

Several Specimens of Copper Ores from the Lake Superior region, by C. I. Smith, Fairmont, West Virginia.

DEPARTMENT OF MILITARY SCIENCE AND TACTICS.

The National endowment of the University requires provisions to be made for instruction in *Military Tactics*. The Board of Regents has provided the facilities for carrying out these obligations. Experience has demonstrated the wisdom of the plan and has proved it to be a very popular and attractive feature to Students.

The Ordnance and Ordnance Stores, furnished by the State, have been constantly employed, as occasion demanded, and are as well cared for, as is possible, in the absence of a suitable Armory.

The Course of Instruction embraces Infantry, Cavalry, and Artillery Tactics; the use of the Bayonet, Sword and Foil; Ordnance and Gunnery; Military Engineering, and the Science of War.

The Drill conforms to the system of Tactics, established for the regulation of the United States Army. Attendance upon the exercises is made obligatory upon Cadets, and the regular University classes, unless exempted therefrom, by the Faculty, for adequate cause.

A full *Uniform* has been adopted for the Cadets, to be made after the University pattern, harmonizing, as far as may be, the elements of *neatness*, *economy* and *utility*, and is generally worn. Its adoption is also recommended to all who participate in the Drill.

The Students are arranged into classes or companies, and officered from those who are the most proficient, and have attained the highest rank in exactness of movement, and true soldierly bearing. The exercises occupy one hour daily, on the afternoons of Monday, Tuesday, Wednesday and Thursday of each week, at times not to conflict with regular recitations.

During inclement weather and throughout the winter months, the exercises are conducted in the large University Hall, which affords a fine opportunity for drill in the use of the Sabre, Sword and Foil.

In the Department of Military Science, instruction is given in the form of class lectures on the subjects of *Science of Gunnery, Military Engineering,* and the *Art of War.* During the past year this last feature has been successfully inaugurated.

The salutary effect of a Military Education, in addition to the knowledge obtained, is seen in the more erect carriage, graceful manner, and physical development of the Students. The Drill has largely taken the place of plays, which have little or no special advantage, and some of which are of evil tendency. It has furnished the indolent or too studious youth with a measure and kind of exercise which, to such, is invaluable, while the not unfrequent presence of ladies and other spectators, at parade, stimulates all to the attainment of the highest excellence in a service which may some day be greatly advantageous to the State. It would be wrong to suppose that its physical advantages, however obvious and great, are its only recommendations. The habits of attention, precision and ready obedience which it requires and strengthens, and the generous spirit of healthful emulation which it fosters, find expression in every other department of study.

LITERARY SOCIETIES.

There are two of these in connection with the University, furnished with suitable Halls, and whose exercises of Composition, Reading, Orations, Debate, and Criticism are, in many respects, of great advantage to the Student. They also afford facilities for the study of, and acquaintance with, parliamentary forms, and the acquisition of business habits. The authorities of the University will afford every facility for increasing the accommodations and usefulness of these valuable auxilliaries.

LOCATION.

Morgantown, the seat of the University, is beautifully located on the right bank of the Monongahela river, Monongalia county, West Virginia. The scenery around is exceedingly attractive and picturesque. The place has long been famous for its social, intellectual and moral culture, and general healthfulness. Coaches leave every morning to and from Fairmont, on the Baltimore and Ohio Railroad. There is also a daily conveyance between Morgantown and Uniontown, Pa. Steamboats from Pittsburgh arrive every day at Geneva, twelve miles below Morgantown. A place more eligible for the quiet and successful pursuit of Science and Literature is nowhere to be found.

CATALOGUE

OF THE

OFFICERS AND STUDENTS,

IN

WEST VIRGINIA

UNIVERSITY,

WITH THE

COURSES OF INSTRUCTION

AND

A GENERAL DESCRIPTION OF THE INSTITUTION.

1869-70.

MORGANTOWN:
Morgan & Hoffman, Book and Job Printers.
1870.

Board of Regents.

No. of District.	Member of Board.	P. O. Address.
1	T. H. LOGAN,	*Wheeling.*
2	Hon. F. H. PEIRPOINT,	*Fairmont.*
3	GEORGE M. HAGANS,	*Morgantown.*
4	SAM'L BILLINGSLEY,	*Middlebourne.*
5	Hon. A. I. BOREMAN,	*Parkersburg.*
6	J. LOOMIS GOULD,	*Buckhannon.*
7	W. W. HARPER,	*Point Pleasant.*
8	J. S. WILKINSON,	*Hamlin.*
9	SAMUEL YOUNG,	*Edray.*
10	JAMES CARSKADON,	*New Creek.*
11	G. M. BELTZHOOVER,	*Shepherdstown.*

Officers of the Board.

———— ————, *President,*
Col. James Evans, *Treasurer,*
George C. Sturgiss, *Secretary.*

Executive Committee.

Geo. M. Hagans, *Chairman.*
Hon. John A. Dille.
E. H. Coombs.
Ashbel Fairchild.
Geo. C. Sturgiss.
Alex. Martin.

Faculty and Teachers.

REV. ALEX. MARTIN, D. D., PRESIDENT,
And Professor of Mental and Moral Science.

F. S. LYON, A. M., VICE PRESIDENT,
Professor of English Literature, and Principal of Preparatory Department.

S. G. STEVENS, A. M., SECRETARY,
And Professor of Astronomy and Physics.

H. H. PIERCE, A. M., BVT. CAPT. U. S. A.,
Professor of Mathematics and Military Tactics.

J. J. STEVENSON, A. M., PH. D.,
Professor of Chemistry and Natural History.

F. W. WOOD, A. M., PH. D.,
Professor of Ancient and Modern Languages.

O. W. MILLER, A. M., TUTOR.

D. B. PURINTON,
Tutor in the Preparatory Department.

GEORGE M. HAGANS, ESQ.,
Superintendent of Grounds and Buildings.

HUGH W. BROCK, M. D.,
Lecturer on Physiology and Hygiene.

HON. JOHN A. DILLE,
Lecturer on Civil and Constitutional Law.

CAPT. H. H. PIERCE, A. M.,
Registrar and Librarian.

A. G. ALCOTT, TEACHER OF ELOCUTION.

STUDENTS.

Senior Class.

DENT, MARMADUKE HERBERT.....*Weston, Lewis County.*

Junior Class.

JOLLIFF, WILLIAM ELZA.....*Whiteday, Monongalia County.*
SNIDER, ELISHA.....*Easton,* " "
WILSON, THOMAS CAMPBELL.....*Morgantown,* " "

For the Degree of Bachelor of Science.

DILLE, OLIVER HAGANS.....*Morgantown, Monongalia County.*

Sophomore Class.

BORDER, DANIEL WEBSTER.....*Frederick City, Maryland.*
DRABELL, JOHN HERSCHELL.....*Morgantown.*
M'LANE, ALAN ELZA..... "
SMITH, BENJAMIN WELLS.....*Ripley, Tyler County.*

Freshman Class.

ADAMS, JOHN CHRISTIAN.....*Wheeling, West Va.*
BABB, CHARLES MONTGOMERY.....*Locust Grove, Grant County.*
BOWMAN, WILLIAM THORNE.....*Morgantown.*
BULLOCK, EDMUND TANNER.....*Parkersburg, West Va.*
CARTER, ELDRIDGE.....*Meredith's Tavern, Marion County.*
FAST, JONATHAN WESLEY.....*Forksburg, " "*
LEDWITH, WILLIAM LAURENCE.....*Brownsville, Pa.*
PURINTON, AARON LYON.....*Morgantown.*
SMITH, CLARENCE LINDEN.....*Fairmont, Marion County.*
TEMPLE, MARCELLUS LUTHER.....*Wadestown, Monongalia County.*
WHITE, ISRAEL.....*Jollytown, Greene County, Pa.*

For the Degree of Bachelor of Science.

CARPER, WIRT DALE.....*Romine's Mills, Harrison County.*
CHADWICK, RICHARD VINCENT.....*Morgantown.*
DUNKIN, JAMES.....*Bridgport, Harrison County.*
GOLDEN, FRANKLIN AUGUSTUS.....*Wayne Court-House.*
HARDING, NOLAND BRUCE.....*Bruceton, Preston County.*
HAYMOND, LEWIS.....*Clarksburg, Harrison County.*
HOFFMAN, DANIEL CLARKE.....*Morgantown.*
LIST, AMBROSE SHAW.....*Wheeling.*
MATTINGLY, GEORGE PERRY.....*Parkersburg, Wood County*
MCCLURE, TAYLOR BASCOM.....*Louisa, Lawrence Co., Ky.*
OSGOOD, GEORGE KENDALL.....*Ceredo, Wayne County.*
RADER, ARCHIBALD FLEMING.....*Summerville, Nicholas County.*
WOODS, JACOB SHERMAN SHRIVER.....*Wheeling.*

University Students.

ANDERSON, JOHN COOMBS.....*Easton, Monongalia County.*
EDMISTON, THEODORIC GRANVILLE.....*Weston, Lewis County.*
FORMAN, CHARLES.....*Bruceton, Preston County.*
HALL, JOHN DURBIN.....*Morgantown.*
HARRIS, JOHN THOMAS.....*Harrisville, Ritchie County.*
HEWITT, CHRISTIAN.....*Linton, Jefferson Co., Ohio.*
JOHN, ALTHA FRANKLIN.....*Stewarttown, Monongalia County.*
LAZZELL, THOMAS ALLEN.....*Morgantown.*
MCKEE, HENRY FRANKLIN.....*Brandonville, Preston County.*
PITZER, WILLIAM ANTHONY.....*Martinsburg, Berkeley County.*

Preparatory Department.

Adams, Samuel Shugart.....*Washington, D. C.*
Allen, William Stone.....*Uniontown, Fayette County, Pa.*
Allen, Charles Barton..... " " " "
Allen, Guy Richards Champline.....*Morgantown, West Va.*
Allender, Joseph Shuttlesworth..... " " "
Arnett, Franklin.....*Hoodsville, Marion County.*
Arnett, William Jerome.....*Arnettsville, Monongalia County.*
Bailey, Charles Edwin.....*Wheeling, West Va.*
Basnett, Ferdinand Samuel.....*Morgantown.*
Beatty, Richard Henry.....*East Liberty,*
Berkeley, Cincinnatus.....*Middlebourne, Tyler County.*
Bettler, Joseph.....*Brownsville, Pa.*
Birtcher, Calvin Luther.....*Randall, Monongalia County.*
Boughner, William Leroy.....*Morgantown.*
Bowers, John Henry.....*Laurel Iron Works, Monongalia Co.*
Bowman, John Wesley Shaw.....*New Interest, Randolph County.*
Boyer, Ami.....*Brandonville, Preston County.*
Boyers, William Thomas.....*Randall, Monongalia County.*
Boyers, James..... " " "
Brandt, John Bunyan.....*Oakland, Allegheny County, Md.*
Brookover, Josephus.....*West Warren, Monongalia County.*
Brown, William.....*Andy, Monongalia County.*
Brown, Robert Ludington.....*Morgantown.*
Brown, William Gay.....*Kingwood, Preston County.*
Butler, Alexander.....*Kearneysville, Jefferson County.*
Caldwell, Joseph Bailey.....*Wheeling, West Va.*
Carskadon, George Thomas.....*New Creek, Mineral County.*
Casteel, Truman Whitfield.....*Oakland, Allegheny County, Md.*
Chadwick, Jeremiah Thompson.....*Springfield, Hampshire County.*

Christie, Samuel Edgar.....*Kanawha Salines, Kanawha County.*
Coleman, Elijah Chalfant.....*Morgantown.*
Cox, James Alfred.....*Arnettsville, Monongalia County.*
Darlinton, John William.....*Weston, Lewis County.*
Dean, George Albert.....*Wheeling, West Va.*
Deen, John Shreve William.....*Buckhannon, Upshur County.*
Denison, Lewis Augustus.....*East Liberty, Pa.*
Dix, Daniel Worth.....*Nicholas Court-house.*
Dolliver, Jonathan Prentiss.....*Granville, Monongalia County.*
Dolliver, Robert..... " " "
Duval, Walter Kuhn.....*Wellsburg, Brooke County.*
Etchison, William Peaco.....*Fort Laramie, Dacotah Territory.*
Everly, Simeon Oliver.....*Morgantown.*
Fast, Morgan Selby.....*Forksburg, Marion County.*
Fischer, Ferdinand.....*Lancsville, Harrison County, Ind.*
Gorrill, Moses.....*Wick, Tyler County.*
Hagans, George Harrison.....*Morgantown.*
Hagans, William Lucian..... "
Haymond, Frank Thompson..... "
Hickman, Charles Frank.....*St. Mary's, Pleasants County.*
Hill, George Bruce.....*Laurel Iron Works, Monongalia Co.*
Hill, William Clay.....*Paris, Washington County, Pa.*
Hillory, William Sanford.....*Wadestown, Monongalia County.*
Holyfield, Clark.....*Easton,* " "
Hooper, Harry.....*Grafton, Taylor County.*
Howell, William Moses.....*Morgantown.*
Jacobs, Thomas Perry..... "
Jackson, Duncan Campbell.....*Brownsville, Pa.*
Jolliff, Joseph Clinton.....*Whiteday, Monongalia County.*
Keck, Julius Marcellus.....*Morgantown.*
Kincaid, William Elza.....*Forksburg, Marion County.*
Kincaid, George Washington.....*Morgantown.*
Kincaid, John Wesley..... "
Kitzmiller, George Washington.....*Altamont, Allegheny County, Md.*
Knox, Philander Chase.....*Brownsville, Pa.*
Koontz, Winfield Scott.....*Easton, Monongalia County.*

Koontz, Albert.....*Easton, Monongalia County.*
Lazier, Andrew Forman.....*Morgantown.*
Licklider, Thomas Powell.....*Kearneysville, Jefferson County.*
Linch, George Preston.....*Wheeling.*
List, Thomas Eugene..... "
Logie, John Harry.....*Kearneysville, Harrison County.*
Lynch Charles Wesley.....*Brown's Creek, Harrison County.*
Martin, James Virginius.....*Morgantown.*
Martin, John Errian..... "
Martin, Charles Alexander..... "
Mattingly, Thomas Conley.....*Parkersburg, Wood County.*
Merrill, Joseph Morgan.....*Rivesville, Marion County.*
Mitchell, William David.....*Hancock, Washington County, Md.*
Moran, Ellsworth Elza.....*Forksburg, Marion County.*
Morgan, Benjamin Stephen.....*Laurel Point, Monongalia County.*
McColloch, Abram Inskipt.....*Clinton, Ohio County.*
McKee, Robert Jackson.....*Wadestown, Monongalia County.*
McLure, Harry.....*Wheeling.*
McRa, Waitman.....*Clinton Mills, Monongalia County.*
Pogue, Robert Henry.....*Wheeling.*
Pratt, Edgar Woods..... "
Price, Thomas Harner.....*Mooresville, Monongalia County.*
Reed, James Madison.....*Morgantown.*
Rich, Daniel.....*Laurel Point, Monongalia County.*
Rider, George Winfield.....*Morgantown.*
Robinson, Eustace Leon..... "
Rogers, William..... "
Roraback, John Zebulon.....*Albion, Orleans County, N. Y.*
Samples, James William.....*Clintonville, Greenbrier County.*
Santee, Isaac Benton.....*West Warren, Monongalia County.*
Schaeffer, Gustavus Cresap.....*Kingwood, Preston County.*
Seibert, William Valliant.....*Hainesville, Berkeley County.*
Shriver, Lot Lantz.....*Wadestown, Monongalia County.*
Simmons, David Floyd.....*Weston, Lewis County.*
Sisson, George Edward.....*Valley Grove, Ohio County.*
Smith, Winfield William.....*Bruceton, Preston County.*

Spates, Augustus Baer.....*Clarksburg, Harrison County.*
Sterling, Andrew Jackson.....*Masontown, Fayette County, Pa.*
Steuart, Aaron Cromwell.....*North Mountain, Berkeley County.*
Steuart, John William.....*Sycamore Dale, Harrison County.*
Stewart, Cassius Milton.....*Wheeling.*
Stockman, Frederick.....*North Mountain, Berkeley County.*
Strickler, Robert Mann.....*Phillippi, Barbour County.*
Tarr, Hammond,.....*Wellsburg, Brooke County.*
Teter, William Jay Worth.....*Belington, Barbour County.*
Thrasher, William Marshall.....*Piedmont, Mineral County.*
Wagner, Allen Kramer.....*Morgantown.*
Warman, Clemmer.....*Laurel Iron Works, Monongalia Co.*
Warman, Elza..... " " " " "
Williams, Daniel Theodore.....*New Martinsville, Wetzel County.*
Woods, Frank.....*Phillippi, Barbour County.*
Worley, David Robert.....*Blacksville, Monongalia County.*
Wright, Palemon.....*Durbannah,* " "

Military Department.

Bvt. Capt. H. H. PIERCE, U. S. Army,
COMMANDANT.

STAFF.

Cadet MARMADUKE H. DENT, Adjutant.
" C. LINDEN SMITH, Ord. Officer.
" FRANKLIN A. GOLDEN, Ass't Ord. Officer.

OFFICERS: Corps of Cadets.

CADET JOHN C. ADAMS, *Captain.*
" JOHN H. DRABELL, *First Lieut.*
" BENJAMIN W. SMITH, *Second Lieut.*

Corps of Cadets.

John C. Adams,	1st District.
J. S. Shriver Woods,	" "
Israel C. White,	2d District.
Ellsworth E. Moran,	" "
William T. Bowman,	3d District.
Marcellus L. Temple,	" "
Benjamin W. Smith,	4th District.
John S. W. Deen,	" "
————————	5th District.
————————	" "
John H. Drabell,	6th District.
Marmaduke H. Dent,	" "
Daniel W. Dix,	7th District.
————————	" "
George K. Osgood,	8th District.
Franklin A. Golden,	" "
William M. Howell,	9th District.
Archibald F. Rader,	" "
Charles M. Babb,	10th District.
Clarence L. Smith,	" "
Daniel W. Border,	11th District.
————————	" "

OFFICERS: Volunteer Corps.

THOMAS C. WILSON, *Captain.*
WILLIAM E. JOLLIFF, *First Lieut.*
ALAN E. M'LANE, *Second Lieut.*

Volunteer Labor Corps.

Samuel S. Adams,
Charles M. Babb,
Cincinnatus Berkeley,
Daniel W. Border,
Ami Boyer,
John B. Brandt,
Robert L. Brown,
William G. Brown,
Alexander Butler,
George T. Carskadon,
Jeremiah T. Chadwick,
Samuel E. Christie,
Elijah C. Coleman,
John W. Darlinton,
John S. W. Deen,
Marmaduke H. Dent,
Daniel W. Dix,
T. G. Edmiston,
Morgan S. Fast,
Ferdinand Fischer,
F. A. Golden,
N. Bruce Harding,
John T. Harris,
Lewis Haymond,
George B. Hill,
Clark Holyfield,
Wm. M. Howell,
William L. Ledwith,
Thomas P. Licklider,
George P. Linch,
John H. Logie,
George P. Mattingly,
Thomas H. Mattingly,
Joseph M. Merrill,
E. E. Moran,
Taylor B. McClure,
H. Franklin McKee,
Harry McLure,
George K. Osgood,
A. F. Rader,
Daniel Rich,
John Z. Roraback,
Benjamin W. Smith,
C. L. Smith,
M. L. Temple,
Clemmer Warman,
Elza Warman,
Israel White,
Daniel T. Williams,
J. S. Shriver Woods,
Palemon Wright.

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Normal Class.

Franklin Arnett,
Calvin L. Birtcher,
Ami Boyer,
Josephus Brookover,
William Brown,
Elijah C. Coleman,
John S. W. Dean,
Simeon O. Everly,
Morgan S. Fast,
George B. Hill,
Clark Holyfield,
William M. Howell,
William E. Kincaid,
George W. Kincaid,
Charles W. Lynch,
Ellsworth E. Moran,
Benjamin S. Morgan,
Aaron L. Purinton,
Daniel Rich,
Eustace L. Robinson,
James W. Samples,
Isaac B. Santee,
Marcellus L. Temple,
Clemmer Warman,
Elza Warman,
Israel White,
Daniel T. Williams.

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Recapitulation.

Senior,	1
Junior,	4
Sophomore,	4
Freshmen,	34
Normal Class, 27, (less 3 previously enumerated),	24
Preparatory Department,	94
TOTAL,	161

Requisites for Admission.

I. All candidates for admission to any Department of the University, must present satisfactory evidence of good moral character.

II. Students coming from other Colleges must produce certificates of honorable dismission from the same.

III. Those entering as students for a Degree in any Department of the University, must sustain an examination in the various studies of the Preparatory School of the University, or a full equivalent to the same.

IV. Candidates for Advanced Standing must sustain an examination in the previous studies of the Department which they propose to enter.

V. The regular examination for admission of Candidates, who shall not have pursued their preliminary studies in the Preparatory School of the University, will take place on Thursday (June 16) succeeding Commencement, and on Tuesday (Sept. 7) preceding the opening of the Fall term.

VI. Candidates should procure a copy of the printed Laws of the University, also the Treasurer's receipt for their tuition fee, before presenting themselves for enrollment.

Courses of Instruction.

The Instruction thus far provided for in the University proper, is principally embraced in four Departments or Courses of Study, viz: Classical Department, Scientific Department, Engineering Department, and Agricultural Department.

CLASSICAL DEPARTMENT.

This Department, leading to the Degree of Artium Baccalaureus, embraces studies in eight schools as follows:

I. School of Philosophy.

Professor in charge—PRESIDENT MARTIN.

In this School the instruction is given partly by the use of text-books and partly by Lectures. The Classical Course includes six terms in this school.

FIRST YEAR.

SPRING TERM.—*Political Philosophy*—Bowen's Political Economy.
FALL TERM.—*Mental Philosophy*—Haven's.
WINTER TERM.—*Moral Philosophy*—Wayland's.

SECOND YEAR.

FALL TERM.—*Political Philosophy*—International Law.—Woolsey.
WINTER TERM.—*Sacred Philosophy*—Butler's Analogy.
SPRING TERM.—*Sacred Philosophy*—Natural Theology and Ev. Christianity.

II. School of History and English Literature.

PROFESSOR LYON.

Besides Themes, Declamations and Rhetorical Readings throughout the course, this School embraces six terms, equivalent to two years of instruction by text books.

FRESHMAN YEAR.

FALL TERM.—Universal History—Webber's.
WINTER TERM.—English Literature—Shaw's Manual.

SOPHOMORE CLASS.

FALL TERM.—Rhetoric—Whately's Elements.
WINTER TERM.—Logic—Coppee's.

JUNIOR YEAR.

SPRING TERM.—History of Civilization—Guizot's.

SENIOR YEAR.

SPRING TERM.—Literary Criticism—Lord Kames'.

III. School of Astronomy and Physics.

PROFESSOR STEVENS.

This School furnishes studies in the Classical Course extending through two years.

JUNIOR YEAR.

FALL TERM.—*Physics*—Silliman's, to Chap. IV, including problems.
WINTER TERM.— " Pneumatics, Acoustics, Optics.
SPRING TERM.— " Heat, Correlation of Forces, Electricity.

SENIOR YEAR.

FALL TERM.—Physics—Analytical Mechanics.
WINTER TERM.—Astronomy—Robinson's, Descriptive and Physical.
SPRING TERM.—Practical Astronomy.

The various branches of Physics are illustrated by means of suitable apparatus. In Astronomy the treatment in the text book is supplemented by Lectures, whenever it is required in order to represent fairly, the present state of Astronomical knowledge.

IV. School of Mathematics and Engineering.

PROFESSOR PIERCE.

The studies in the Classical Department in this School extend through two years.

FRESHMAN YEAR.

FALL TERM.—*Mathematics*—Robinson's New University Algebra.
WINTER TERM.— " Robinson's Geometry commencing at Book VI.
SPRING TERM.— " Robinson's, Spherical Geometry and Trigonometry.

SOPHOMORE YEAR.

FALL TERM.—*Engineering*—Mensuration, Surveying, and Navigation.
WINTER TERM.—*Mathematics*—Conic Sections and Analytical Geometry.

JUNIOR YEAR.

SPRING TERM.—*Mathematics*—Differential and Integral Calculus.

V. School of Chemistry and Natural History.

PROFESSOR STEVENSON.

FRESHMAN YEAR.

SPRING TERM.—Anatomy and Physiology—Draper's.

SOPHOMORE YEAR.

FALL TERM.—Inorganic Chemistry—Roscoe's.
WINTER " Organic Chemistry— "
SPRING " Botany—Gray's School and Field Book.

JUNIOR YEAR.

WINTER TERM.—Zoology—Agassiz and Gould.

SENIOR YEAR.

FALL TERM.—Geology—Dana.

VI. School of the Greek Language and Literature.

PROFESSOR WOOD.

FRESHMAN YEAR.

FALL TERM.—Herodotus; Arnold's Greek Prose Composition.
WINTER " Homer's Iliad; Arnold (continued); Greek Grammar.
SPRING " Homer's Odyssey; Arnold's Prose Comp. (completed).

SOPHOMORE YEAR.

FALL TERM.—Xenophon's Memorabilia; *Exercises* in Greek Composition.
SPRING " Plato's Apology and Crito.

JUNIOR YEAR.

FALL TERM.—Euripides' Alcestis.
SPRING " Demosthenes—On the Crown.

SENIOR YEAR.

WINTER TERM.—Sophocles—Oedipus Tyrannus.

VII. School of the Latin Language and Literature.

PROFESSOR WOOD.

FRESHMAN YEAR.

FALL TERM.—Virgil—Bucolics and Georgics; Arnold's Lat. Prose Comp.
WINTER " Horace—Odes and Epodes; Arnold (continued).
SPRING " Cicero—De Senectute or De Amicitia.

SOPHOMORE YEAR.

WINTER TERM.—Horace—Satires and Epistles; Exercises in Latin Composition.
SPRING " Livy—Lincoln's; Exercises in Latin Composition.

JUNIOR YEAR.

WINTER TERM.—Tacitus—Germania and Agricola; Lat. Com. (continued.)

SENIOR YEAR.

FALL TERM.—Cicero—DeOfficiis; Written Exercises on Historical Subjects.

VIII. School of Military Science and Tactics.

PROFESSOR PIERCE.

FIRST YEAR.

FIRST TERM.—*Infantry Tactics*—School of the Soldier.
SECOND " *Cavalry Tactics*—Sabre Drill—Lectures.
THIRD " *Artillery Tactics*—School of the Piece.

SECOND YEAR.

FIRST TERM.—*Infantry Tactics*—School of the Company.
SECOND " *Bayonet Exercise*; Lectures.
THIRD " *Target Practice*—Small Arms.

THIRD YEAR.

FIRST TERM.—*Infantry Tactics*—School of the Battallion.
SECOND " *Military Engineering*; Lectures.
THIRD " *Target Practice*—Heavy and Field Artillery.

FOURTH YEAR.

FIRST TERM.—*Infantry Tactics*—School of the Brigade.
SECOND " *Science of Gunnery*—Lectures; *Martial Law*—Lectures.
THIRD " *Art of War*—Lectures.

Dress Parades, Reviews, Inspections and Guard Mounting, are held as often as is deemed expedient, throughout the whole course.

SCIENTIFIC DEPARTMENT.

This Department, leading to the Degree of Bachelor of Science, embraces studies in seven schools, as follows:

I. In the School of Philosophy.

Professor in charge—PRESIDENT MARTIN.

SENIOR YEAR.

FALL TERM.—*Mental Philosophy*—Haven's.
WINTER " *Moral Philosophy*—Wayland's.
SPRING " *Political Economy*—Bowen's.

II. In the School of History and English Literature.

PROFESSOR LYON.

FRESHMAN YEAR.

FALL TERM.—Webber's Universal History.
WINTER " Shaw's Manual of English Literature.
SPRING " Guizot's History of Civilization.

SENIOR YEAR.

FALL TERM.—Whately's Elements of Rhetoric.
WINTER " Coppee's Logic.

III. School of Astronomy and Physics.

PROFESSOR STEVENS.

JUNIOR YEAR.

FIRST TERM.—General Principles of Physics; Gravitation; Theory of Machinery; Molecular Forces; Hydrodynamics; Problems.
SECOND TERM.—Pneumatics; Acoustics; Optics; Problems.
THIRD TERM.—Heat; Ventilation and Warming; Correlation of Physical Forces; Magnetic, Statical and Dynamical Electricity.

SENIOR YEAR.

FIRST TERM.—Analytical Mechanics.
SECOND " *Astronomy*—Descriptive and Physical—Robinson's
THIRD " 1st. Practical Astronomy, Calculation and Graphical Construction of Eclipses; Solution of Problems to be verified by the Nautical Almanac.

2d. *Technology*—Principles of Science applied to the Useful Arts.

To pursue successfully the studies of the First Year of this School, students must have a fair acquaintance with Algebra, Geometry, and Trigonometry, and in addition to these, he should have, before commencing those of the second year, some knowledge of Analytical Geometry and Calculus.

IV. In the School of Mathematics and Engineering.

PROFESSOR PIERCE.

FRESHMAN YEAR.

FIRST TERM.—Robinson's University Algebra.
SECOND " Robinson's Geometry, beginning at Book VI.
THIRD " " Spherical Geometry and Trigonometry.

JUNIOR YEAR.

FIRST TERM.—Robinson's Mensuration, Surveying and Navigation.
SECOND " " Analytical Geometry and Conic Sections.
THIRD " Differential and Integral Calculus.

V. School of Chemistry and Natural History.

PROFESSOR STEVENSON.

FRESHMAN YEAR.

FALL TERM.—Roscoe's Chemistry. (Inorganic).
WINTER " " " (Organic).
SPRING " Gray's School and Field Book of Botany.

JUNIOR YEAR.

FALL TERM.—*Agricultural Chemistry*—Analysis of Soils, &c.
WINTER " *Comparative Physiology and Embryology*—Agassiz & Gould.
SPRING " *Human Anatomy and Physiology*—Draper's.

SENIOR YEAR.

FALL TERM.—Lithological, Dynamical and Historical Geology—Dana.

VI. School of Modern Languages.

PROFESSOR WOOD.

FRESHMAN YEAR.

FALL TERM.—*German*—Woodbury's New Method; Oral and Written Exercises.
WINTER TERM.—*German*—Woodbury's Method, completed; Adler's Reader.
SPRING TERM.—*German*—Selected Poetry of Gœthe; Heyse's advanced Grammar and his view of German Literature.

JUNIOR YEAR.

FALL TERM.—*French*—Fasquelle's French Course; Oral and Written Exercises.
WINTER TERM.—*French*—Fasquelle completed.
SPRING TERM.—*French*—Telemachus or Dumas' Napoleon; Memorizing Sentences and Conversation.

VII. School of Military Science and Tactics.

PROFESSOR PIERCE.

The studies in this School are the same as those of the Classical Department. They are enumerated on page 18.

DEPARTMENT OF ENGINEERING.

The studies in this Department, for the first and second years, are the same as in the General Scientific Course. For the Senior Year they are, in

School of Philosophy.

PRESIDENT MARTIN.

FALL TERM.—Haven's Mental Philosophy.

SPRING " Bowen's American Political Economy.

School of History and English Literature.

PROFESSOR LYON.

WINTER TERM.—Coppee's Logic.

School of Astronomy and Physics.

PROFESSOR STEVENS.

FALL TERM.—Peck's Elements of Mechanics; Application of Calculus to Mechanics.

WINTER TERM.—Robinson's University Astronomy; Lectures.

SPRING TERM.—*Practical Astronomy*—Calculation of the Elements of Eclipses from the Solar and Lunar Tables. Graphical Construction of Eclipses. Computation of particulars of a general Eclipse Trigonometrically, and of a Local Eclipse by the application of Analytical Geometry.

School of Mathematics and Engineering.

PROFESSOR PIERCE.

FALL TERM.—*Civil Engineering*—Mahan.

WINTER " *Military Engineering*—Mahan.

SPRING " *Gillespie* on the Location, Construction and Improvement of Roads and Rail Roads.

School of Chemistry and Natural History.

FALL TERM.—*Geology*—Lithological, Historical and Dynamical—Dana; Geological Excursions.

AGRICULTURAL DEPARTMENT.

In this Department, the studies for the first and second years, are the same as in the General Scientific Course, excepting that for Modern Languages are substituted Lectures on various subjects related to Agriculture; for the Analytical Geometry of the second term, Logic, and for the Calculus in the third term, Political Economy. For the Senior Year, they include the following:

School of Philosophy.

PRESIDENT MARTIN.

FALL TERM.—Haven's Mental Philosophy.
WINTER " Wayland's Moral Philosophy.
SPRING " Natural Theology and Evidences of Christianity.

School of Astronomy and Physics.

PROFESSOR STEVENS.

FALL TERM.—*Principles of Agriculture*—Emerson and Flint.
WINTER " Theoretical Astronomy.
SPRING " *Technology*—Application of the Principles of Science to the Useful Arts.

School of Mathematics and Engineering.

PROFESSOR PIERCE.

SPRING TERM.—Location and Construction of Roads—Gillespie.

School of Chemistry and Natural History.

PROFESSOR STEVENSON.

FALL TERM.—Dana's Text Book of Geology.
WINTER " Meteorology.

The subjects for Lectures during the course, are the following:

FIRST YEAR—*Fall Term.*—The Chemistry, Structure and Physiology of Plants; on the Water, Atmosphere and Soil as related to Vegetables; on Tillage, Draining and Manuring.

Winter Term.—On Domestic Animals and their Digestion, Respiration, Assimilation and Excretion; on the Composition, Preparation and Value of different kinds of Food; on Milk, Butter, Cheese, Flesh and Wool as Agricultural Products.

Spring Term.—On Horticultural and Kitchen Gardening; on the Propagation, Training and Culture of Fruit Trees, the Vine, Small Fruits and Vegetables.

SECOND YEAR—*Fall Term.*—On the Staple grain, forage, root and fibre crops of this and adjoining States, and their varieties and the soils best adapted for them; on the preparation of soil, seeding, cultivating, harvesting and preparing for market; on the Origin and Natural History of Domestic Animals; on Entomology and the Insects useful and hurtful to vegetation.

Winter Term.—On the raising, care, characteristics and adaptation of different breeds of Domestic Animals; On Cattle for beef or draught, and Sheep for wool or mutton; on Horses, Swine and Poultry; on Pasturing, Soiling and Stall Feeding; on Tobacco, Hops, and Forestry.

Spring Term.—On Rural Economy; on the History of Agriculture, with sketches of the Same in Ancient and Modern Times and Foreign Lands; on the Adaptation of Farming to soil, climate, market and other natural and economical conditions; on the different systems of Husbandry, such as stock, sheep, grain and mixed farming.

PREPARATORY DEPARTMENT.

FIRST YEAR.

Fall Term.—Geography—Guyot's Common School; Map Drawing; Arithmetic—Stoddard's Complete; English Grammar—Etymology; Latin—Commenced.

Winter Term.—Geography—Guyot Continued; Map Drawing; Arithmetic—Continued; English Grammar—Syntax; Latin—Grammar and Reader.

Spring Term.—Arithmetic—Completed; English Grammar—Analysis of Sentences; Latin—Grammar and Reader; Greek—Bullions' First Lessons.

SECOND YEAR.

Fall Term.—Algebra—Robinson's New Elementary, to Involution; Book Keeping; Cæsar—Latin Grammar; Greek Grammar and Reader.

Winter Term.—Algebra—Elementary completed; History of the United States—Wilson's; Cicero's Orations—Bullion's; Latin Grammar; Greek Grammar and Reader.

Spring Term.—Geometry—Robinson's First Five Books; History of the United States—Completed; Virgil—Three Books of Æneid; Latin Grammar; Xenophon's Anabasis; Greek Grammar.

Regular Lessons in Writing, Spelling, Elocution and English Composition from the beginning.

GENERAL REVIEW OF THE

		Classical Department.	*Scientific Department.*
Freshman Class.	FALL TERM.	Universal History. University Algebra. Herodotus. Virgil.	Universal History. University Algebra. Inorganic Chemistry. Woodbury's German Method.
	WINTER TERM.	Manual of English Literature. Geometry—completed. Homer—*Iliad.* Horace—Odes and Epodes.	Manual of English Literature. Geometry—completed. Organic Chemistry. Woodbury's German Method.
	SPRING TERM.	Trigonometry. Anatomy and Physiology. Homer—Odyssey. Cicero—*De Senectute.*	Trigonometry. Botany. History of Civilization. German—*Translations.*
Sophomore Class.	FALL TERM.	Whately's Rhetoric. Mensuration, Surveying. Roscoe's Chemistry—*Inorganic.* Xenophon's Memorabilia.	
	WINTER TERM.	Logic. Con. Sect. and Anal. Geometry. Roscoe's Chemistry—*Organic.* Horace—*Satires* and *Epistles.*	
	SPRING TERM.	American Political Economy. Gray's Botany. Plato—*Apology* and *Crito.* Livy.	
Junior Class.	FALL TERM.	Haven's Mental Philosophy. Constitution U. S. and West Va. Physics—commenced. Euripides—Alcestis.	Mensuration; Surveying. Physics—commenced. Qualitative Analysis. Fasquelle's French Course.
	WINTER TERM.	Wayland's Moral Science. Pneumatics; Acoustics; Optics. Principles of Zoology. Tacitus—*Germania* and *Agricola.*	Conic Sect. and Anal. Geometry. Pneumatics; Acoustics; Optics. Principles of Zoology. *French*—Fasquelle continued.
	SPRING TERM.	Calculus. Heat; Electricity. History of Civilization. Demosthenes—*On the Crown.*	Diff. and Int. Calculus. Heat; Electricity. Anatomy and Physiology. *French*—Dumas' Napoleon.
Senior Class.	FALL TERM.	Woolsey's International Law. Peck's Mechanics. Dana's Text Book of Geology. Cicero—*De Officiis.*	Haven's Mental Philosophy. Peck's Mechanics. Dana's Geology. Whately's Rhetoric.
	WINTER TERM.	Butler's Analogy. Theoretical Astronomy. Sophocles—Œdipus Tyrannus.	Moral Philosophy. Descriptive and Physical Astronomy. Logic.
	SPRING TERM.	Nat. Theology & Ev. Christianity. Kames' Elements of Criticism. Practical Astronomy.	Political Economy. Elements of Criticism. Practical Astronomy.

COURSES OF INSTRUCTION.

Engineering Department.	*Agricultural Department.*
Same as in General Scientific Department.	Universal History. University Algebra. Inorganic Chemistry. Lectures on Plants, Soils, &c.
Same as in General Scientific Department.	Manual of English Literature. Plane Geometry—completed. Inorganic Chemistry. Lectures on Domestic Animals, &c.
Same as in General Scientific Department.	Spher. Geometry and Trigonometry. School and Field Book of Botany. History of Civilization. Lectures on Horticulture.
Same as in General Scientific Department.	Mensuration and Surveying. *Physics*—Theory of Machinery, &c. Agricul'l Chemistry; Analysis of Soils. Lectures on Crops and Hurtful Insects.
Same as in General Scientific Department.	Logic. *Physics*—Pneumatics & Undulations. Comparative Physiology. Lectures on Cattle, Sheep, Horses, &c.
Same as in General Scientific Department.	Political Economy. Heat; Electricity; Magnetism. Human Anatomy and Physiology. Lectures on Agriculture.
Mental Philosophy. Analytical Mechanics. Dana's Geology. Mahan's Civil Engineering.	Mental Philosophy. Manual of Agriculture. Geology.
Spherical and Physical Astronomy. Military Engineering—Mahan. Logic.	Meteorology—Climatology, &c. Astronomy. Moral Philosophy.
Political Economy. Gillespie's Roads and Rail Roads. Practical Astronomy.	Nat'l Theology and Ev. Christianity. Location and Construction of Roads. Application of Science to the Arts.

Origin and Scope of the University.

The subject of advanced Education has been in various forms before the people of West Virginia for years, but without any liberal provision having been made for the same until quite recently. The Constitution of the State makes it the duty of the Legislature to "*foster and encourage Moral, Intellectual, Scientific, and Agricultural improvement; and to make provision for the organization of such institutions of learning as the best interests of general education may demand.*" The National Congress having donated certain lands "*in order to promote the liberal and practical education of the industrial classes in the several pursuits and professions in life,*" the Legislature accepted the same, and appointed a Board to organize the Institution, with instructions to "*establish Departments of Education in Literature, Science, Art, Agriculture, and Military Tactics—including a Preparatory Department.*"

The proceeds of the sale of Congressional lands amounted to 90,000 dollars. The citizens of Morgantown contributed in grounds, buildings and money about 50,000 dollars. The Legislature, realizing the necessity and immense value of such an Institution; its incalculable worth to the youth of the Commonwealth and of the country—scores of whom, in ever increasing numbers, have resorted to its Halls—has generously appropriated 16,000 dollars* per year for the further endowment and for the current expenses of the University, having, pursuant to the formal recommendation of the Governor and in harmony with the design and scope of the Institution, changed its name from "The Agricultural College of West Virginia," to that of "*West Virginia University.*" We trust that in the extent and in the quality of its work, and the thoroughness of its discipline and culture, as well as adaptation to the demands of the age, it will prove itself deserving of no second rate position among the Institutions of our land. It designs by its instruction in *Literature* and *Art*—in *Language*, ancient and modern—in *Mathematics*, pure and applied —in the *Sciences*, physical, mental, moral and social—by its recitations, lectures, examinations and elevating influences to educate, inform and discipline the Student's mind; to strengthen his moral principles, and supply such general and generous as well as special culture as will best prepare him for success and usefulness in any pursuit or profession in life.

* In lieu of the above, the legislature at its last session made a special appropriation of 22,855 dollars to complete the new University Hall.

Departments of Instruction.

There are six of these already in operation.

1. *Preparatory*, designed to meet the wants of those who are too young, or who are not sufficiently advanced to enter the other Departments.

2. *Literary*, in extent and exactness corresponding to that of our best American Colleges.

3. *Scientific*, which affords a general preparation for those pursuits that require extensive acquaintance with the Sciences.

4. *Engineering*, at present, a branch of the General Scientific Department.

5. *Agricultural*, embracing the various branches of Agriculture, Horticulture, Rural Economy, and the Mechanic Arts.

6. *Military*, which is arranged so as not only not to interfere with, but to promote instruction and discipline in other Departments.

Lectureships in Civil and Constitutional Law, and in Physiology, Hygiene and related subjects, have also been established.

An *Optional Course* is allowed those Students whose special tastes or necessities prevent them from graduating in any of the regular Departments.

A *Normal Class*, for the special advantage of Teachers, is formed every Spring. In this the ordinary school studies are carefully reviewed, exactness and readiness in explanation and definition acquired, and instruction in the most approved methods of organizing and conducting schools imparted. There is also a weekly Lecture before the class on some subject connected with teaching. The following, among other subjects, have been discussed during the present year: History of Teaching, by President Martin. Theory and Practice of Teaching, by Prof. Lyon. The Teacher's Work under the Free School Law of West Virginia, by Prof. Stevens. The Moral Principle in Teaching, by Prof. Pierce. Hygiene of the School Room, by Prof. Stevenson. Superiority of American to European Methods of Instruction, by Prof. Wood. The Trustees of the "Peabody Educational Fund," through their general agent, Dr. Barnas Sears, have placed at the disposal of the University, the sum of five hundred dollars, annually to be given to such young men of the Normal Department as need assistance to qualify themselves for higher usefulness as Teachers in West Virginia.

Examinations.

Three public examinations, at which all the Students are required to be present, are held during the year,—one at the close of each Term. These may be conducted by written papers or by oral questions. Reports of the Deportment and Scholarship of the Students are sent to the parents or guardian after each examination.

Calendar.

The Annual Session of 39 weeks is divided into three Terms of 13 weeks each. An interval of a few days occurs between the Fall and Winter, and between the Winter and Spring Terms. Also a recess of about two weeks including the Christmas holidays. It is highly important that Students be present at the first recitation of their classes. The exercises begin promptly on the day designated, and any time lost affects the standing of the Student and perhaps embarrasses his whole course. Students entering after the Term has opened must take such studies as can be conveniently assigned them.

1870. June 9, Annual Examination begins.
" " 12, Baccalaureate Sermon by the President.
" " 13, Regents' Prize Contest.
" " 14, Address before the Societies, by Hon. J. W. Patterson, of New Hampshire.
" " 15, { Commencement. Dedication of new University Hall. / Address by Hon. E. M. Wilson, of Minnesota.
" " 16, Examination of candidates for admission.
" September 6, Examination of candidates for admission.
" " 7, Fall Term begins.
" December 2, " " ends.
" " 6, Winter Term begins.
" " 22, Christmas recess begins.
1871. January 4, " " ends.
" March 17, Winter Term ends. Brown Prize Contest.
" March 21, Spring Term begins.
" June 15, " " ends. Commencement Day.

Expenses.

Preparatory Department,..... \$5.00 per Term of 13 weeks.
Other Departments,..... 8.00 " " " "

Students in the Preparatory Department pay one dollar, in the other Departments two dollars per term contingent fee.

Two Cadets may be appointed by each Regent, free of charge for tuition, books or stationery. Boarding varies from \$3.00 to \$4.00 per week.

Volunteer Labor Corps.

Many of our young men have found it pleasant and healthful to spend an hour or two per day, at a remunerative price, in improving and ornamenting the grounds, under the direction of the Superintendent.

Prizes.

The following prizes have been established by the Regents, viz:

I. To the Student who shall write the best essay upon a given subject, $25. To the Student who shall be adjudged the best Declaimer, $15. These prizes to be adjudged after public competition, by a committee of citizens appointed by the Faculty.

II. To the Student who shall be adjudged by the Faculty to excel in general deportment, $25. To the second in merit, $15. If preferred, the prizes may be given in the shape of medals, time-pieces, or books.

BROWN PRIZES.

III. The annual sum of one hundred dollars has been placed in the President's hands by Gen. G. W. Brown, of Grafton, for the encouragement of the Literary Societies, to be awarded for superiority in Essay, Oration, Declamation and Discussion.

PRIZES AWARDED.

Regents.....	To D. B. Purinton, for general deportment,	$25.00
	To B. W. Smith, " " "	15.00
	To M. H. Dent, " Essay,	25.00
	To W. D. Carlile, " Declamation,	15.00
Brown.....	To T. G. Edmiston, for Declamation,	10.00
	To W. L. Ledwith, " Essay,	20.00
	To A. E. McLane, " Oration,	30.00
	To M. L. Temple, " Debate,	40.00

Discipline.

The Rules of the University require that every student shall be in his place at all stated exercises from the opening to the close of his connection with the University. A record is kept in which are entered the grade of Scholarship of each student, his absence from the exercises of the Institution, his tardiness, or failure in recitation, unless satisfactorily accounted for. An abstract of this record is sent at the close of each Term to parents or guardians so that they may see what, and how their sons or wards are studying, and how they stand in scholarship and deportment. In case of negligence, irregularity, or other misconduct, the student will be privately admonished and the parent or guardian will be informed of the fact. Mere inattention to study will, if persisted in, insure dismission from the University. No student is allowed to leave the town during Term time, without special permission.

Students from abroad under fifteen years, should have their money sent to, and their bills settled by Capt. Pierce, Registrar of the University.

Religious Instruction and Worship.

The exercises of each day are opened with reading the Scriptures and prayer, at which all the students are required to be present. They are also required to attend regularly some place of religious worship on the Sabbath, and on all occasions to treat the institutions of religion with respect.

Library.

A respectable beginning towards a University Library has already been made. About fifteen hundred volumes have been carefully selected and placed on its shelves, including not only many choice and valuable books of reference, but also standard works in the various departments of History, Biography, Theology, Agriculture, Art, Science, and General Literature.

We respectfully request the friends of Education to make contributions to its shelves.

Copies, also, of the *Daily Wheeling Intelligencer*, and *Tri-Weekly Wheeling Register*, and of nearly all the weekly journals in the State, as well as several from other States, have been cheerfully donated to the Reading Room of the University. We trust these are but the beginnings of larger gifts. We earnestly call upon our friends everywhere, and especially upon the citizens of our own State, to aid us in collecting and forwarding to their University, samples of any thing rare and valuable in the animal, mineral or vegetable kingdom, or any thing serving to illustrate the antiquities, natural or civil history, geology, botany, mineralogy, &c., of the State, or any section of the State or the world.

Museum, Apparatus, &c.

The University is in possession of apparatus requisite for thorough illustration of Chemistry and Physics.

The Museum contains numerous specimens in Mineralogy, Geology, and the various departments of Natural History; also a collection in Palaeontology with characteristic specimens from all the formations. Other collections are to be deposited by their owners. We request all who are interested in such subjects to send suitable specimens for the Museum, especially Indian relics, shells, minerals, fossils, and alcoholic specimens of animals. Such donations will be acknowledged and carefully labeled with the name of the donor.

The vicinity of the University offers unrivalled advantages for the study of practical Geology. Especial attention will be paid to this branch.

The laboratory of Practical Chemistry will be in full readiness during 1870-71. The instruction for the present will be devoted chiefly to analysis, with its application to agriculture.

Donations to the Museum have been received as follows:

Adams, J. C. French coin, copper.

Border, D. W. Fluviatile shells from Monongahela river.

Cox, Miss E. J., Wheeling. Copy of last issue of *Vicksburg Citizen*.
Carrico, Alfred, Morgantown. American coins, copper.
Darlinton, J. W. Colymbus torquatus.
Dering, Miss H. L., Morgantown. Fluviatile shells.
Dent, M. H. Fluviatile shells; Stigmaria ficoides.
Hewitt, C., Linton, O. Indian relics.
Hanway, W. A., Morgantown. Agate.
Houston, James. Crystalline limestone.
Harding, N. B. Ectopistes migratorius; Sialia Sialis; Colaptes auratus; Sturnella magna.
Harris, Amos, Morgantown. British half-penny, 1775.
Knox, P. C. American coins, copper.
Lazier, H. B., M. D., Morgantown. Turbo.
Loar, S. S., Preston county. Proto-carbonate of Iron.
Layton, Mrs. M. V., Morgantown. Copper coin, unknown.
Layton, L. S., Morgantown. French and American silver coin. U. S.
Ledwith, W. L. Fractional currency; Melania from Lake Erie.
Lorentz, A. W., Morgantown. Mexican dollar.
McClure, T. B. Moran, E. E. Darbin J. Schaffer, G. C. } Picus villosus; Picus pubescens; Cyanurus cristatus; Parus atracapillus.
McLane, Alan E. Pipilo erythrophthalmus; Quiscalus versicolor; Turdus migratorius.
Moore, Mrs. E. I., Morgantown. Sea mosses from North Pacific.
Moore, C. Fitch, P. Wilson, E. W. } Bucephala albeola.
Saer, J. W., Morgantown. Specular Iron.
Scott, D. J. " U. S. Fractional Currency.
Tolivar, J., Wheeling. Madrepore; Back of Sequoia gigantea; polished specimen of wood of Oreodaphne Californica; Cardita.
Wagner, J., Wheeling. American dollar and half dollar, 1796 & 1795.
Webb, C. B., Wayne county. Indian relics.
Willey, Rev. Chrome iron.
Willey, Mrs. W. T., Morgantown. Cupule of acorn from Texas.

Department of Military Science and Tactics.

The National endowment of the University requires provision to be made for instruction in *Military Tactics*. The Board of Regents has provided the facilities for carrying out these obligations. Experience has demonstrated the wisdom of the plan.

The Course of Instruction embraces Infantry, Cavalry and Artillery Tactics; the use of the Bayonet and Sabre; Ordnance and Gunnery; Military Engineering, and the Science of War.

Attendance upon the exercises is made obligatory upon Cadets, and the

regular University classes, unless exempted therefrom, by the Faculty, for adequate cause.

A full *Uniform* has been adopted for the Cadets, to be made after the University pattern, harmonizing, as far as may be, the elements of *neatness*, *economy* and *utility*.

The exercises occupy one hour daily, on the afternoons of Monday, Tuesday, Wednesday and Thursday of each week, at times not to conflict with regular recitations.

Instruction is given in the form of class lectures on the subjects of *Science of Gunnery, Military Engineering* and the *Art of War*.

Literary Societies.

There are two of these in connection with the University, furnished with suitable Halls, and whose exercises of Composition, Reading, Orations, Debate, and Criticism are, in many respects, of great advantage to the Student. They also afford facilities for the study of, and acquaintance with, parliamentary forms, and the acquisition of business habits. The authorities of the University will afford every facility for increasing the accommodations and usefulness of these valuable auxilliaries.

Location.

Morgantown, the seat of the University, is beautifully located on the right bank of the Monongahela river, Monongalia county, West Virginia. The scenery around is exceedingly attractive and picturesque. The place has long been famous for its social, intellectual and moral culture, and general healthfulness. Coaches leave every morning to and from Fairmont, on the Baltimore and Ohio Railroad. There is also a daily conveyance between Morgantown and Uniontown, Pa. Steamboats from Pittsburgh arrive every day at Geneva, twelve miles below Morgantown. A place more eligible for the quiet and successful pursuit of Science and Literature is nowhere to be found.

The New University Building,

Now completed, is a model of architectural beauty and convenient arrangement, greatly increasing the facilities for carrying out the noble designs for which the University was established.

CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

West Virginia University,

FOR THE YEAR

1870-71.

MORGANTOWN:
F. R. ELMSLIE, BOOK AND JOB PRINTER.
1871.

Board of Regents.

No. of Dist.	Members of Board.	P. O. Address.
1.	T. H. LOGAN	*Wheeling.*
2.	Hon. F. H. PIERPONT	*Fairmont.*
3.	GEORGE M. HAGANS	*Morgantown.*
4.	SAMUEL BILLINGSLEY	*Middlebourne.*
5.	Hon. A. I. BOREMAN	*Parkersburg.*
6.	J. LOOMIS GOULD	*Buckhannon.*
7.	W. W. HARPER	*Hartford City.*
8.	J S. WILKINSON	*Hamlin.*
9.	SAMUEL YOUNG	*Edray.*
10.	JAMES CARSKADON	*New Creek.*
11.	G. M. BELTZHOOVER	*Shepherdstown*

Officers of the Board.

T. H. LOGAN, *President.*
Col. JAMES EVANS, *Treasurer.*
GEORGE C. STURGISS, *Secretary.*

Executive Committee.

Geo. M. Hagans, *Chairman.*
Hon. John A. Dille,
E. H. Coombs,
Ashbel Fairchild,
George C. Sturgiss,
Alexander Martin.

Faculty and Teachers.

REV. ALEX. MARTIN, D. D., *President*,
And Professor of Mental and Moral Science.

S. G. STEVENS, A. M., *Vice-President*,
And Professor of Astronomy and Physics.

H. H. PIERCE, A. M., BVT. CAPT. U. S. A.
Professor of Mathematics and Military Science.

J. J. STEVENSON, A. M., PH. D.,
Professor of Chemistry and Natural History.

F. W. WOOD, A. M., PH. D.,
Professor of Ancient and Modern Languages.

J. H. McMECHAN, A. M.,*
Professor of English Literature, and Principal in Preparatory Department.

REV. J. B. SOLOMON, A. M.,
Acting Professor of English Literature, and Principal of Preparatory Department.

OLIVER MILLER, A. M.,*
Tutor in the Preparatory Department.

D. B. PURINTON,
Tutor in the Preparatory Department.

M. L. TEMPLE,
Assistant in Preparatory Department.

J. B. SOLOMON,
Secretary of Faculty.

GEORGE M. HAGANS, ESQ.,
Superintendent of Grounds and Buildings.

*To *December* 5*th*, 1870.

HUGH W. BROCK, M. D.,
Lecturer on Physiology and Hygiene.

Hon. JOHN A. DILLE,
Lecturer on Civil and Constitutional Law

Capt. H. H. PIERCE, A. M.,
Registrar and Librarian

B. W. SMITH,
Assistant Librarian

A. G. ALCOTT, A. B.,
Teacher of Elocution

STUDENTS.

Senior Class.

NAME.	COURSE.	RESIDENCE.
Dille, Oliver Hagans	Sci	*Morgantown.*
Jolliff, William Elza	Lit	*White Day, Monongalia co.*

Junior Class.

Border, Daniel Webster	Lit	*Shepherdstown, W. Va.*
Drabell, John Herschell	Lit	*Morgantown, W. Va.*
Dunkin, James	Sci	*Bridgeport, Harrison co.*
Evans, Thomas Ray	Sci	*Morgantown.*
Golden, Franklin Augustus	Sci	*Brashear City, La.*
Haymond, Lewis	Sci	*Clarksburg, Harrison co.*
List, Ambrose Shaw	Sci	*Wheeling, W. Va.*
McLane, Alan Elza	Lit	*Morgantown.*
Osgood, George Kendall	Sci	*Ceredo, Wayne co.*
Smith, Benjamin Wells	Lit	*Ripley, Tyler co.*
White, Israel	Lit	*Jollytown, Greene co., Pa*
Woods, Jacob Sherman Shriver	Sci	*Wheeling, W. Va.*

Sophomore Class.

Babb, Charles Montgomery	Lit	*Locust Grove, Grant co.*
Brown, James Frederick	Lit	*Kanawha Court House.*
Bullock, Edmund Tanner	Lit	*Parkersburg.*
Chadwick, Richard Vincent	Lit	*Morgantown.*
McKee, Henry Franklin	Opt	*Brandonville, Preston co.*
Purinton, Daniel Boardman	Lit	*Morgantown.*
Temple, Marcellus Luther	Lit	*Wadestown, Monongalea co.*
Waters, James Talman	Lit	*Kanawha Court House.*

Lit.—Literary Course. *Sci*—Scientific Course.
Opt.—Optional Course.

Freshmen.

Boughner, William Le Roy.....Sci.....*Morgantown.*
Carr, Marshall Moore.....Opt.....*Clarksburg, Harrison co.*
Deen, John Shreve William.....Lit.....*Buckhannon, Upshur co.*
Harris, John Thomas.....Sci.....*Harrisville, Ritchie co.*
Hoffman, Daniel Clarke.....Opt.....*Morgantown.*
Howell, William Moses.....Lit.....*Morgantown.*
Jacobs, Thomas Perry.....Lit.....*Morgantown.*
Licklider, Thomas Powell.....Opt.....*Kearneysville, Jefferson co.*
Logie, John Harry.....Lit.....*Kearneysville, Jefferson co.*
Linch, George Preston.....Opt.....*Wheeling.*
Lynch, Charles Wesley.....Lit.....*Brown's Creek, Harrison co.*
Millar, George Washington.....Lit.....*Morgantown.*
Moran, Ellsworth Elza.....Lit.....*Forksburg, Marion co.*
McCleave, Dwight.....Opt.....*Cumberland, Md.*
McCrum, Page Robert.....Lit.....*German Settlement, Preston co.*
Parks, Albert Washington.....Lit.....*Malden, Kanawha co.*
Price, Thomas Harner.....Sci.....*Macresville, Monongalia co.*
Prichard, William Taylor.....Sci.....*Mannington, Marion co.*
Purinton, Aaron Lyon.....Opt.....*Morgantown.*
Reed, James Madison.....Lit.....*Easton, Monongalia co.*
Roraback, John Zebulon.....Opt.....*Albion, Orleans co., N. Y.*
Ryon, Jesse Truesdell.....Opt.....*Washington, D. C.*
Solomon, John Burges.....Lit.....*Morgantown.*
Woods, Frank.....Lit.....*Phillippi, Barbour co.*
Worley, David Robert.....Opt.....*Blacksville, Monongalia co*

Preparatory Department.

Adams, Samuel Shugart.....*Washington, D. C.*
Allen, Guy Richard Champline.....*Morgantown, W. Va.*
Arnett, William Jerome.....*Arnettsville, Monongalia co.*
Babb, Milton Edmunds.....*Luney's Creek, Grant co.*
Basnett, Ferdinand Samuel.....*Morgantown, W. Va.*
Barker, David H.....*Geneva, Pa.*
Birtcher, Calvin Luther.....*Randall, Monongalia co.*
Boyers, James S.....*Randall, Monongalia co.*
Brookover, Josephus.....*West Warren, Monongalia co.*
Brown, Robert Ludington.....*Morgantown.*
Brown, William Gay.....*Kingwood, Preston co.*
Butler, Alexander.....*Kearneysville, Jefferson co.*
Bush, Lewis, Jr.....*German Settlement, Preston co.*
Campbell, Thomas Parks.....*Wheeling.*
Carskadon, James Thornton.....*Heardsville, Mineral co.*
Christie, Samuel Edgar.....*Kanawha Salines, Kanawha co.*
Coleman, Elijah Chalfant.....*Morgantown.*
Coole, William Henry.....*Arnettsville, W. Va.*
Core, Moses Leven.....*Cassville,* "
Courtney, Alpheus Fisk.....*Randall, Monongalia co.*
Courtney, Daniel Hugh.....*Maidsville,* "
Courtney, Melville Clark.....*Randall,* "
Cox, James Alfred.....*Arnettsville,* "
Crane, John Morriss.....*Kingwood, Preston co.*
Day, John E.....*Wheeling.*
Dilie, Clarence Brown.....*Morgantown.*
Dils, William, Jr.....*Parkersburg.*
Dix, Daniel Worth.....*Nicholas C. H.*
Dolliver, Jonathan Prentiss.....*Morgantown*
Dolliver, Robert H..... "
Drabell, Robert..... "
Eskey, Leonard.....*Sherrard, Marshall co.*
Everly, Simeon Oliver.....*Morgantown.*
Fischer, Ferdinand.....*Lanesville, Ind.*
Fitch, James Plummer.....*Morgantown.*

Frasher Luke.....*Tippecanoe, Fayette co., Pa.*
Grimes, Joseph Broders.....*German Settlement, Preston co.*
Guthrie, John Wort.....*Dunbar, Fayette co., Pa.*
Hagans, George Harrison.....*Morgantown.*
Hagans, William Lucien..... "
Hall, John Ross.....*Laurel Point, Monongalia co.*
Hall, Samuel Judson..... " "
Harner, William Taylor.....*Morgantown.* "
Hartley, Homer..... " "
Hartley, Luther Edward..... " "
Hartley, Sylvanus Calvin..... " "
Hartman, Endress Bouck.....*Clarksburg.*
Haymond, Frank Thompson.....*Morgantown.*
Haymond, Thomas.....*Clarksburg.*
Hess, Jasper Travers.....*Laurel Point, Monongalia co.*
Hess, William Balser..... " "
Hill, William Clay.....*Paris, Washington co., Pa.*
Hickman, Charles Frank.....*St. Mary's, Pleasants co.*
Holyfield, Clarke.....*Easton, Monongalia co.*
Hood, Thomas Milton.....*Arnettsville,* "
Howell, Fleming.....*Morgantown.* "
Ison, Willey Owens.....*Parkersburg.*
Jackson, Charles William.....*Kingwood, Preston co.*
Jamison, William Calvin.....*Laurel Point, Monongalia co.*
John, Altha Franklin.....*Stewartstown,* "
Jones, Barton Morriss.....*Cassville,* "
Keck, Julius Marcellus.....*Morgantown,* "
Kincaid, George Washington..... " "
Kincaid, John Wesley..... " "
Koontz, Albert.....*Easton, Monongalia co.*
Koontz, Winfield Scott..... " "
Lazier, Andrew Forman.....*Morgantown.*
Long, Daniel Martin Luther.....*Mt. Morris, Green co., Pa.*
Malcom, Jerome Chapman.....*Newport, Boone co., W. Va.*
Martin, James Virginius.....*Morgantown.*
Martin, John Errian..... "
Martin, Charles Alexander..... "
Maxwell, Wilson Bonnifield.....*St. George, Tucker co.*
Mills, Charles Elliott.....*Pittsburgh, Pa.*
Mitchell, William David.....*Hancock, Washington co., Md.*
Moore, Charles Andrew.....*Morgantown.*
Morgan, Benjamin Stephen.....*Laurel Point, Monongalia co.*
Morris, Harmon Luther.....*Cassville,* "
McCleave, Johns.....*Cumberland, Md.*
McCulloch, Abraham Inskipt.....*Clinton, Ohio co., W. Va.*
McLure, Harry.....*Wheeling,* "

McLoughlin, Dennis.....*Sutton. Braxton co.*
McWha, Samuel.....*Slippery Rock, Butler co., Pa.*
Newman, Silas Warwick.....*Easton W. Va.*
O'Connor John.....*Morgantown.*
Ogden, Jay Franklin.....*Shinnston, Harrison co., W. Va.*
Parshall, Isaac Hamilton.....*McClellandtown, Fayette co., Pa.*
Pell. John Ringold.....*Burning Springs, Wirt co., W. Va.*
Peterson, James Jackson.....*Weston, Lewis county.*
Pierpoint, Jeremiah S.....*Middleport, Tyler county.*
Pigott, Thomas G.....*Hessville, Harrison* "
Protzman, Randolph.....*Easton, Monongalia* "
Purinton, Orlando Boardman.....*Independence, Preston county.*
Ramage, Thomas Charles.....*West Milford, Harrison* "
Reed, Ross Enoch.....*Easton, Monongalia* "
Rich, Daniel.....*Laurel Point,* " "
Robbins, William Lindsay.....*Maidsville,* " "
Rogers, Daniel.....*Morgantown,* " "
Rogers, William..... " " "
Rude, William Henry..... " " "
Santee, Isaac Benton.....*West Warren,* " "
Savage, Harrison.....*Glade Farm, Preston* "
Simmons, David Floyd.....*Weston, Lewis* "
Sinsel, Leroy Swormstedt.....*Pruntytown, Taylor* "
Smith Edgar.....*Randall, Monongalia* "
Snodgrass, Winfield Columbus.....*Morgantown, W. Va.*
Staggers, Thomas B.....*Morgantown, W. Va.*
Stevens, Joseph Theophilus.....*West Epping, N. H.*
Stewart, John William.....*Sycamore Dale, Harrison county.*
Stine, George Morris.....*Morgantown.*
Todd, James.....*Wheeling.*
Troxell, Asbury Hartman.....*Martinsburg.*
Vansickle, Charles.....*Glade Farm, Preston county.*
Warden, William.....*Granville, Monongalia co.*
Warden, Reger Alfred..... " "
Warman Elza.....*Laurel Iron Works, Monongalia co.*
Warman Clemmer..... " " " "
Warman Lindsey..... " " " "
Waters, Alonzo Alison.....*Laurel Point,* "
Willetts, John Samuel.....*Wheeling, W. Va.*
Wilson, Edgar Woods.....*Morgantown, Monongalia co.*
Wright, Palemon.....*Durbannah,* "

Military Department.

Bvt. Capt. H. H. PIERCE, U. S. Army,

COMMANDANT.

STAFF.

CADET DANIEL W. BORDER, *Second Lieut. and Adjutant.*

" FRANKLIN A. GOLDEN, *First Lieut. and Ord Officer.*

Commissioned Officers---Corps of Cadets.

CADET JOHN H. DRABELL, *Captain.*

" BENJ. W. SMITH, *First Lieutenant.*

" —— ——, *Second* "

Drum Corps.

J. T. Harris,
A. F. Lazier,
S. S. Adams,
Harry McLure,
J. Z. Roraback,
G. P. Linch,
T. H. Price,
A. S. List.

Corps of Cadets.

DISTRICT.	NAME.	PRESENT OR ABSENT.
I.	James J. Peterson	Present for duty.
	John S. Willetts	Present for duty.
II.	Israel C. White	Present for duty.
	E. E. Moran	Present for duty.
III.	Marcellus L. Temple	Present for duty.
	Leroy S. Sinsel	Present for duty.
IV.	Benjamin W. Smith	Present for duty.
	John S. W. Deen	Present for duty.
V.	Willey O. Ison	Present for duty.
	Endress B. Hartman	Present for duty.
VI.	John H. Drabell	Present for duty.
	Charles W. Lynch	Present for duty.
VII.	James F. Brown	Present for duty.
	Jerome C. Malcom	Present for duty.
VIII.	George K. Osgood	Present for duty.
	Franklin A. Golden	Present for duty.
IX.	Wm. M. Howell	Present for duty.
	——— ———	
X.	Charles M. Babb	Present for duty.
	James J. Carskadon	Present for duty.
XI.	Daniel W. Border	Present for duty.
	Asbury H. Troxell	Present for duty.

Commissioned Officers---University Corps.

WILLIAM E. JOLLIFF, *Captain.*
ALAN E. McLANE, *First Lieutenant.*
——— ———, *Second* "

Volunteer Labor Corps.

E. B. Hartman,
W. O. Ison,
L. S. Sinsel,
M. M. Carr,
H. F. McKee,
M. E. Babb,
J. J. Peterson,
D. B. Purinton,
J. S. Pierpont,
W. J. Arnett,
L. Frasher,
H. L. Morris,
J. T. Harris,
J. T. Waters,
C. W. Lynch,
E. T. Bullock,
W. W. Parks,
B. S. Morgan.

Normal Class.

Arnett, Wm. Jerome
Barker, D. H.
Birtcher, C L.
Brookover, J.
Drabell, J. H.
Eskey L.
Everly, S. O.
Harner, W. T.
Holyfield, C.
Howell, F.
Jones, B. M.
Long, D. M. L.
Moran, E. E.
Morris, H. L.
Morgan, B. S.
McLaughlin, D.
Pell, J. R.
Pierpoint, J. S.
Pigott, T. G.
Protzman, R.
Smith, W.
Temple, M. L.
Waters, A. A.
Warman, C.
Warman, E.

Recapitulation.

Seniors	2
Juniors	12
Sophomores	8
Freshmen	25
Normal Class, 25, (less 3 previously enumerated),	22
Preparatory Department	97
Total	166

Requisites for Admission.

I. All candidates for admission to any Department of the University, must present satisfactory evidence of good moral character.

II. Students coming from other Colleges must produce certificates of honorable dismission from the same.

III. Those entering as students for a Degree in any Department of the University, must sustain an examination in the various studies of the Preparatory School of the University, or their equivalent.

IV. Candidates for advanced standing must sustain an examination in the previous studies of the Department which they desire to enter.

V. The regular examination for admission of candidates, who have not pursued the preliminary studies in the Preparatory School of the University, will take place on Thursday, (June 16th), succeeding Commencement, and on Thursday, (September 7th), preceding the opening of the Fall term.

VI. Candidates should procure a copy of the printed laws of the University, also the Treasurer's receipt for tuition, before presenting themselves for enrollment.

Courses of Instruction.

The instruction thus far provided for in the University proper, is principally embraced in four departments, or courses of study, viz: Literary Department, Engineering Department and Agricultural Department.

LITERARY DEPARTMENT.

This Department, leading to the Degree of Artium Baccalaureus, embraces studies in eight schools, as follows:

I. School of Philosophy.

Professor in charge—PRESIDENT MARTIN.

In this School the instruction is given partly by the use of text books, and partly by lectures. The Literary Course includes six terms in this school.

FIRST YEAR.

SPRING TERM.—*Political Philosophy*—Bowen's Political Economy.
FALL TERM.—*Mental Philosophy*—Haven's.
WINTER TERM.—*Moral Philosophy*—Wayland's.

SECOND YEAR.

FALL TERM.—*Political Philosophy*—International Law.—Woolsey.
WINTER TERM.—*Sacred Philosophy*—Butler's Analogy.
SPRING TERM.—*Sacred Philosophy*—Natural Theology and Ev. Christianity.

II. School of Astronomy and Physics.

PROFESSOR STEVENS.

This School furnishes studies in the Classical Course extending through two years.

JUNIOR YEAR.

FALL TERM.—*Physics*—Silliman's, to Chap. IV, including problems.
WINTER TERM.— " Pneumatics, Acoustics, Optics.
SPRING TERM.—Heat, Correlation of Forces, Electricity.

SENIOR YEAR.

FALL TERM.—*Physics*—Analytical Mechanics.
WINTER TERM.—*Astronomy*—Robinson's, Descriptive and Physical.
SPRING TERM.—Practical Astronomy.

The various branches of Physics are illustrated by means of suitable apparatus. In Astronomy, the treatment in the text book is supplemented by lectures, whenever it is required, in order to represent fairly the present state of astronomical knowledge.

III. School of Mathematics and Engineering.

PROFESSOR PIERCE.

The studies in the Classical Department in this School extend through three years.

FRESHMAN YEAR.

FALL TERM.—*Mathematics*—Robinson's New University Algebra.
WINTER TERM.— " —Robinson's Geometry, commencing at Book VI.
SPRING TERM.— " —Robinson's Spherical Geometry and Trigonometry.

SOPHOMORE YEAR.

FALL TERM.—*Engineering*—Mensuration, Surveying and Navigation.
WINTER TERM.—*Mathematics*—Conic Sections and Analytical Geometry.

JUNIOR YEAR.

SPRING TERM.—*Mathematics*—Differential and Integral Calculus.

IV. School of Chemistry and Natural History.

PROFESSOR STEVENSON.

FRESHMAN YEAR.

SPRING TERM.—Anatomy and Physiology—Draper's.

SOPHOMORE YEAR.

FALL TERM.—*Inorganic Chemistry*—Roscoe's.
WINTER TERM.—*Organic Chemistry*— "
SPRING TERM.—*Botany*—Gray's School and Field Book.

JUNIOR YEAR.

WINTER TERM.—*Zoology*—Agassiz and Gould.

SENIOR YEAR.

FALL TERM.—Geology—Dana.

V. *School of the Greek Language and Literature.*

PROFESSOR WOOD.

FRESHMAN YEAR.

FALL TERM.—Herodotus—Arnold's Greek Prose Composition.
WINTER TERM.—Homer's Iliad—Arnold (continued); Greek Grammar.
SPRING TERM.—Homer's Odyssey; Arnold's Prose Comp. (completed.)

SOPHOMORE YEAR.

FALL TERM.—Xenophon's Memorabilia—Exercises in Greek Composition.
SPRING TERM.—Plato's Apology and Crito.

JUNIOR YEAR.

FALL TERM.—Euripides' Alcestis.
SPRING TERM.—Demosthenes—On the Crown.

SENIOR YEAR.

WINTER TERM—Sophocles.—Oedipus Tyrannus.

VI. *School of the Latin Language and Literature.*

PROFESSOR WOOD.

FRESHMAN YEAR.

FALL TERM.—Virgil—Bucolics and Georgics; Arnold's Latin Prose Comp.
WINTER TERM.—Horace—Odes and Epodes.
SPRING TERM.—Cicero—De Senectute or De Amicitia.

SOPHOMORE YEAR.

WINTER TERM.—Horace—Satires and Epistles; Exercises in Latin Comp.
SPRING TERM.—Livy—Lincoln's; Exercises in Latin Composition.

JUNIOR YEAR.

WINTER TERM.—Tacitus—Germania and Agricola; Latin Composition continued.

SENIOR YEAR.

FALL TERM.—Cicero—De Officiis: Written Exercises on Historical Subjects.

VII. School of History and English Literature.

ACTING PROFESSOR SOLOMON.

Besides Themes, Declamations and Rhetorical Readings throughout the course, this School embraces six terms, equivalent to two years of instruction by text books.

FRESHMAN YEAR.

FALL TERM.—Universal History—Webber's.
WINTER TERM.—Logic—Coppee's.

SOPHOMORE YEAR.

FALL TERM.—Rhetoric—Whateley's Elements.
WINTER TERM.—Logic—Coppee's.

JUNIOR YEAR.

SPRING TERM.—History of Civilization—Guizot's.

SENIOR YEAR.

SPRING TERM.—Literary Criticism—Lord Kames'.

VIII. School of Military Science and Tactics.

PROFESSOR PIERCE.

FIRST YEAR.

FIRST TERM.—*Infantry Tactics*—School of the Soldier.
SECOND TERM.—*Cavalry Tactics*—Sabre Drill; Lectures.
THIRD TERM.—*Artillery Tactics*—School of the Piece.

SECOND YEAR.

FIRST TERM.—*Infantry Tactics*—School of the Company.
SECOND TERM.—*Bayonet Exercise*—Lectures.
THIRD TERM.—*Target Practice*—Small Arms.

THIRD YEAR.

FIRST TERM.—*Infantry Tactics*—School of the Battalion.
SECOND TERM.—*Military Engineering*—Lectures.
THIRD TERM.—*Target Practice*—Heavy and Field Artillery.

FOURTH YEAR.

FIRST TERM.—*Infantry Tactics*—School of the Brigade.
SECOND TERM.—*Science of Gunnery*—Lectures; Martial Law—Lectures.
THIRD TERM.—*Art of War*—Lectures.

Dress Parades, Reviews, Inspections and *Guard Mountings* are held as often as is deemed expedient throughout the entire course.

SCIENTIFIC DEPARTMENT.

This Department, leading to the degree of Bachelor of Science, embraces studies in seven schools, as follows:

I. In the School of Philosophy.

Professor in Charge—PRESIDENT MARTIN.

SENIOR YEAR.

FALL TERM.—*Mental Philosophy*—Haven's.
WINTER " *Moral Philosophy*—Wayland's.
SPRING " *Political Economy*—Bowen's.

II. School of Astronomy and Physics.

PROFESSOR STEVENS.

JUNIOR YEAR.

First Term—General Principles of Physics; Gravitation; Theory of Machinery; Molecular Forces; Hydrodynamics; Problems.
Second " Pneumatics; Acoustics; Optics; Problems.
Third " Heat; Ventilation and Warming; Correlation of Physical Forces; Magnetic, Statical and Dynamical Electricity.

SENIOR YEAR.

First Term.—Analytical Mechanics.
Second " *Astronomy*—Descriptive and Physical—Robinson's.
Third " 1st. Practical Astronomy, Calculation and Graphical Construction of Eclipses; Solution of Problems to be verified by the Nautical Almanac.
2d. *Technology*—Principles of Science applied to the Useful Arts.

To pursue successfully the studies of the First Year of this School, students must have a fair acquaintance with Algebra, Geometry and Trigonometry, and in addition to these, he should have, before commencing those of the second year, some knowledge of Analytical Geometry and Calculus.

III. *In the School of Mathematics and Engineering.*

PROFESSOR PIERCE.

FRESHMAN YEAR.

First Term.—Robinson's University Algebra.
Second " Robinson's Geometry, beginning at Book VI.
Third " " Spherical Geometry and Trigonometry.

JUNIOR YEAR.

First Term,—Robinson's Mensuration, Surveying and Navigation.
Second " " Analytical Geometry and Conic Sections.
Third " Differential and Integral Calculus.

IV. *School of Chemistry and Natural History.*

PROFESSOR STEVENSON.

FRESHMAN YEAR.

Fall Term.—Roscoe's Chemistry. (Inorganic.)
Winter " " " (Organic.)
Spring " Gray's School and Field Book of Botany.

JUNIOR YEAR

Fall Term.—*Agricultural Chemistry*—Analysis of Soils, &c.
Winter " *Comparative Physiology and Embryology*—Agassiz and Gould.
Spring " *Human Anatomy and Physiology*—Draper's.

SENIOR YEAR.

Fall Term.—Lithological, Dynamical and Historical Geology—Dana.

V. School of Modern Languages.

PROFESSOR WOOD.

FRESHMAN YEAR.

Fall Term.—*German*—Comfort's Method; Oral and Written Exercises.
Winter " —*German*— " " completed; Adler's Reader.
Spring " *German*—Selected Poetry of Goethe; Heyse's advanced Grammar, and his view of German Literature.

JUNIOR YEAR.

Fall Term.—*French*—Fasquelle's French Course; Oral and Written Exercises.
Winter " *French*—Fasquelle completed.
Spring " *French*—Telemachus, or Dumas' Napoleon; Memorizing Sentences and Conversation.

VI. *In the School of History and English Literature.*

ACTING PROFESSOR SOLOMON.

FRESHMAN YEAR.

Fall Term.—Webber's Universal History.
Winter " Shaw's Manual of English Literature.
Spring " Guizot's History of Civilization.

SENIOR YEAR.

Fall Term.—Whately's Elements of Rhetoric.
Winter " Coppee's Logic

VII. *School of Military Science and Tactics.*

PROFESSOR PIERCE.

The studies in this School are the same as those of the Classical Department. They are enumerated on page 18.

DEPARTMENT OF ENGINEERING.

The studies in this Department, for the first and second years, are the same as in the General Scientific Course. For the senior year they are, in

School of Phylosophy.

PRESIDENT MARTIN.

Fall Term.—Haven's Mental Philosophy.
Spring " Bowen's American Political Economy.

School of Astronomy and Physics.

PROFESSOR STEVENS.

Fall Term.—Peck's Elements of Mechanics; Application of Calculus to Mechanics.
Winter Term.—Robinson's University Astronomy; Lectures.
Spring " Practical Astronomy—Calculation of the Elements of Eclipses from the Solar and Lunar Tables. Graphical Construction of Eclipses. Computation of particulars of a general Eclipse Trigonometrically, and of a Local Eclipse by the application of Analytical Geometry.

School of Mathematics and Engineering.

PROFESSOR PIERCE.

Fall Term.—Civil Engineering—Mahan.
Winter " Military Engineering—Mahan.
Spring " Gillespie on the Location, Construction and Improvement of Roads and Railroads.

School of Chemistry and Natural History.

PROFESSOR STEVENSON.

Fall Term.—Geology—Lithological, Historical and Dynamical—Dana; Geological Excursions.

School of History and English Literature.

ACTING PROFESSOR SOLOMON.

Winter Term.—Coppee's Logic.

AGRICULTURAL DEPARTMENT.

In this Department, the studies for the first and second years are the same as in the General Scientific Course, excepting that for Modern Languages are substituted Lectures on various subjects related to Agriculture: for the Analytical Geometry of the second term, Logic, and for the Calculus in the third term, Political Economy. For the senior year, they include the following:

School of Philosophy.

PRESIDENT MARTIN.

Fall Term—Haven's Mental Philosophy.
Winter " Wayland's Moral Philosophy.
Spring " Natural Theology and Evidences of Christianity.

School of Astronomy and Physics.

PROFESSOR STEVENS.

Fall Term.—Principles of Agriculture—Emerson and Flint.
Winter " Theoretical Astronomy.
Spring " Technology—Application of the Principles of Science to the Useful Arts.

School of Mathematics and Engineering.

PROFESSOR PIERCE.

Spring Term.—Location and Construction of Roads—Gillespie.

School of Chemistry and Natural History.

PROFESSOR STEVENSON.

Fall Term.—Dana's Text Book of Geology.
Winter " Meteorology.

The subjects for Lectures during the course are the following:

FIRST YEAR.

Fall Term.—The Chemistry, Structure and Physiology of Plants: on the Water, Atmosphere and Soil as related to Vegetables; on Tillage, Draining and Manuring.

Winter Term.—On Domestic Animals and their Digestion, Respiration, Assimilation and Excretion: on the Composition, Preparation and Value of different kinds of Food; on Milk, Butter, Cheese, Flesh and Wool as Agricultural Products.

Spring Term.—On Horticultural and Kitchen Gardening: on the Propagation, Training and Culture of Fruit Trees, the Vine, Small Fruits and Vegetables.

SECOND YEAR.

Fall Term.—On the staple grain, forage, root and fibre crops of this and adjoining States, and their varieties and the soils best adapted for them: on the preparation of soil, seeding, cultivating, harvesting and preparing for market; on the Origin and Natural History of Domestic Animals; on Entomology and the Insects useful and hurtful to vegetation.

Winter Term.—On the raising, care, characteristics and adaptation of different breeds of Domestic Animals: on Cattle for beef or draught, and Sheep for wool or mutton; on Horses, Swine and Poultry; on Pasturing, Soiling and Stall Feeding; on Tobacco, Hops and Forestry.

Spring Term.—On Rural Economy; on the History of Agriculture, with sketches of the same in ancient and modern times and foreign lands; on the Adaptation of Farming to soil, climate, market, and other natural and economical conditions; on the different systems of Husbandry, such as stock, sheep, grain and mixed farming.

PREPARATORY DEPARTMENT.

FIRST YEAR.

Fall Term.—Geography—Guyot's Common School; Map Drawing; Arithmetic—Stoddard's Complete; English Grammar—Etymology; Latin—Commenced.

Winter Term.—Geography—Guyot Continued; Map Drawing; Arithmetic—Continued; English Grammar—Syntax; Latin—Grammar and Reader.

Spring Term.—Arithmetic—Complete; English Grammar—Analysis of Sentences; Latin—Grammar and Reader; Greek—Bullions' First Lessons.

SECOND YEAR.

Fall Term.—Algebra—Robinson's New Elementary, to Involution; Book Keeping; Cæsar—Latin Grammar; Greek Grammar and Reader.

Winter Term.—Algebra—Elementary completed; History of the United States—Wilson's; Cicero's Orations—Bullion's; Latin Grammar; Greek Grammar and Reader.

Spring Term.—Geometry—Robinson's First Five Books; History of the United States—Completed; Virgil—Three Books of Æneid; Latin Grammar; Xenophon's Anabasis; Greek Grammar.

Regular lessons in Writing, Spelling, Elocution and English Composition from the beginning.

General Review of the

		Literary Department.	Scientific Department.
Freshman Class.	FALL TERM.	Universal History. University Algebra. Herodotus. Virgil.	Universal History. University Algebra. Inorganic Chemistry. Woodbury's German Method.
	WINTER TERM.	Manual of English Literature. Geometry—completed. Homer—*Iliad.* Horace—Odes and Epodes.	Manual of English Literature. Geometry—completed. Organic Chemistry. Woodbury's German Method.
	SPRING TERM.	Trigonometry. Anatomy and Physiology. Homer—Odyssey. Cicero—*De Senectute.*	Trigonometry. Botany. History of Civilization. German—*Translations.*
Sophomore Class.	FALL TERM.	Whately's Rhetoric. Mensuration, Surveying. Roscoe's Chemistry—*Inorganic.* Xenophon's Memorabilia.	
	WINTER TERM.	Logic Con. Sect. and Anal. Geometry. Roscoe's Chemistry—*Organic.* Horace—*Satires* and *Epistles.*	
	SPRING. TERM.	American Political Economy. Gray's Botany. Plato—*Apology and Crito.* Livy.	
Junior Class.	FALL TERM.	Haven's Mental Philosophy. Constitution U. S. and West Va Physics—commenced. Euripides—Alcestis.	Mensuration; Surveying. Physics—commenced. Qualitative Analysis. Fasquelle's French Course.
	WINTER TERM.	Wayland's Moral Science. Pneumatics: Acoustics; Optics. Principles of Zoology. Tacitus—*Germania and Agricola.*	Conic Sect. and Anal. Geometry. Pneumatics; Acoustics; Optics. Principles of Zoology. *French*—Fasquelle continued.
	SPRING TERM.	Calculus. Heat; Electricity. History of Civilization. Demosthenes—*On the Crown.*	Diff. and Integral Calculus. Heat; Electricity. Anatomy and Physiology. *French*—Dumas' Napoleon.
Senior Class.	FALL TERM.	Woolsey's International Law. Peck's Mechanics. Dana's Text Book of Geology. Cicero—*De Officiis.*	Haven's Mental Philosophy. Peck's Mechanics. Dana's Geology. Whately's Rhetoric.
	WINTER TERM.	Butler's Analogy. Theoretical Analogy. Sophocles—Œdipus Tyrannus.	Moral Philosophy. Descriptive and Physical Astronomy. Logic.
	SPRING TERM.	Nat. Theology and Ev. Christianity. Kames' Elements of Criticism. Practical Astronomy.	Political Economy. Elements of Criticism. Practical Astronomy.

Courses of Instruction.

Engineering Department.	Agricultural Department.
Same as in General Scientific Department.	Universal History. University Algebra. Inorganic Chemistry. Lectures on Plants, Soils, &c.
Same as in General Scientific Department.	Manual of English Literature. Plane Geometry—completed. Inorganic Chemistry. Lectures on Domestic Animals, &c.
Same as in General Scientific Department.	Spher. Geometry and Trigonometry. School and Field Book of Botany. History of Civilization. Lectures on Horticulture.
Same as in General Scientific Department.	Mensuration and Surveying. *Physics*—Theory of Machinery, &c. Agricul'l Chemistry; Analysis of Soils. Lectures on Crops and Hurtful Insects.
Same as in General Scientific Department.	Logic. *Physics*—Pneumatics & Undulation. Comparative Physiology. Lectures on Cattle, Sheep, Horses, &c.
Same as in General Scientific Department.	Political Economy. Heat; Electricity; Magnetism. Human Anatomy and Physiology. Lectures on Agriculture.
Mental Philosophy. Analytical Mechanics. Dana's Geology. Mahan's Civil Engineering.	Mental Philosophy. Manual of Agriculture. Geology.
Spherical and Physical Astronomy. Military Engineering—Mahan. Logic.	Meteorology—Climatology, &c. Astronomy. Moral Philosophy.
Political Economy. Gillespie's Roads and Railroads. Practical Astronomy.	Nat'l Theology and Ev. Christianity. Location and Construction of Roads. Application of Science to the Arts.

SCHEDULE OF DAILY RECITATIONS.

FALL TERM.

	1st Hour.	2d Hour.	3d Hour.	4th Hour.	5th Hour.
SENIORS	Intern. Law.	Latin.	Geology.	Mechanics.	
JUNIORS	Physics.	Mental Phil.	Greek.	Constitution.	
SOPHOMORES	Chemistry.		Surveying.	Greek.	Rhetoric.
FRESHMEN	Greek.	Algebra.	Latin.	History.	
3d SCIENTIFIC		Mental Phil.	Geology.	Mechanics.	Rhetoric.
2d "	Physics.	French.	Surveying.	Qual. Analysis.	
1st "	Chemistry.	Algebra.	German.	History.	

WINTER TERM.

SENIORS	Greek.	Butler's Ana.	Astronomy.		
JUNIORS	Moral Phil.	Geology.	Latin.	Physics.	
SOPHOMORES	Chemistry.	Latin.	Mathematics.	Logic.	
FRESHMEN	Latin.	Geometry.		Greek.	Eng. Literature.
3d SCIENTIFIC	Moral Phil.		Astronomy.	Logic.	
2d "	French.	Zoology.	Mathematics.	Physics.	
1st "	Chemistry.	Geometry.	German.		Eng. Literature.

SPRING TERM.

JUNIORS	Nat. Theology.		Astronomy.	Criticism.	
SENIORS	Physics.	Civilization.	Calculus.		German.
SOPHOMORES	Greek.	Polit. Economy.	Botany.	Latin.	
FRESHMEN	Trigonometry.	Latin.	Greek.	Anatomy.	
3d SCIENTIFIC		Political Econ.	Astronomy.	Criticism.	
2d "	Physics.	French.	Calculus.	Anatomy.	
1st "	Eng. Literature.	Trigonometry.	Botany.		German.

The above studies are required of all up to the close of the Sophomore year, before which time Students generally are not prepared to make an intelligent and judicious choice of their life-work. During the Junior and Senior years, (the former period having been devoted to studies in which every scholar should be proficient,) the student may, at his option, continue the regular course which he has been pursuing, or elect certain equivalent studies from other courses, or enter any of the professional schools which have been, or may yet be, established. ☞ *This note should have been inserted in former issues of the Catalogue.*

ORIGIN AND SCOPE OF THE UNIVERSITY.

The subject of advanced education has been in various forms before the people of West Virginia for years, but without any liberal provision having been made for the same until quite recently. The Constitution of the State makes it the duty of the Legislature to "*foster and encourage Moral, Intellectual, Scientific and Agricultural improvement; and to make provision for the organization of such institutions of learning as the best interests of general education may demand.*" The National Congress havin donated certain lands "*in order to promote the liberal and practical education of the industrial classes in the several pursuits and professions in life,*" the Legislature accepted the same, and appointed a Board to organize the Institution, with instructions to "*establish Departments of Education in Literature, Science, Art, Agriculture, and Military Tactics—including a Preparatory Department.*"

The proceeds of the sale of Congressional lands amounted to $90,000. The citizens of Morgantown contributed in grounds, buildings and money, about $50,000. The Legislature, realizing the necessity and immense value of such an Institution; its incalculable worth to the youth of the Commonwealth and of the country—scores of whom, in ever increasing numbers, have resorted to its halls—has generously appropriated $10,000 per annum toward the permanent endowment besides an amount to meet the annual deficit, having, pursuant to the formal recommendation of the Governor and in harmony with the design and scope of the Institution, changed its name from "The Agricultural College of West Virginia," to that of "WEST VIRGINIA UNIVERSITY." We trust that in the extent and in the quality of its work, and the thoroughness of its discipline and culture, as well as adaptation to the demands of the age, it will prove itself deserving of no second rate position among the Institutions of our land. It designs by its instruction in Literature and Art—in Language, ancient and modern—in Mathematics, pure and applied—in the Sciences, physical, mental, moral and social—by its recitations, lectures, examinations and elevating influences to educate, inform and discipline the student's mind; to strengthen his moral principles, and supply such general and generous as well as special culture as will best prepare him for success and usefulness in any pursuit or profession of life.

DEPARTMENTS OF INSTRUCTION.

Therere are six of these already in operation.

1. Preparatory, designed to meet the wants of those who are too young, or who are not sufficiently advanced to enter the other Departments.

2. Literary, in extent and exactness corresponding to that of our best American Colleges.

3. Scientific, which affords a general preparation for those pursuits that require extensive acquaintance with the Sciences.

4. Engineering, at present, a branch of General Scientific Department.

5. Agricultural, embracing the various branches of Agriculture, Horticulture, Rural Economy, and the Mechanic Arts.

6. Military, which is arranged so as not only not to interfere with, but to promote instruction and discipline in other Departments.

Lectureships in Civil and Constitutional Law, and in Philosophy, Hygiene and related subjects, have also been established.

An Optional Course is allowed those students whose special tastes or necessities prevent them from graduating in any of the regular Departments.

A Normal Class, for the special advantage of Teachers, is formed every spring. In this the ordinary school studies are carefully reviewed, exactness and readiness in explanation and definition acquired, and instruction in the most approved methods of organizing and conducting schools imparted. There is also a weekly Lecture before the class on some subject connected with teaching.

The Trustees of the "Peabody Educational Fund," through their general agent, Dr. Barnas Sears, have placed at the disposal of the University, the sum of five hundred dollars, annually to be given to such young men of the Normal Department as need assistance to qualify themselves for higher usefulness as teachers in West Virginia.

EXAMINATIONS.

Three public examinations, at which all the students are required to be present, are held during the year,—one at the close of each term These may be conducted by written papers or by oral questions. Reports of the deportment and scholarship of the students are sent to the parents or guardian after each examination

CALENDAR.

The annual session of 39 weeks is divided into three terms of 13 weeks each. An interval of a few days occurs between the Fall and Winter, and between the Winter and Spring terms. Also a recess of about two weeks including the

Christmas holidays. It is highly important that students be present at the first recitation of their classes. The exercises begin promptly on the day designated, and any time lost affects the standing of the student, and perhaps embarrasses his whole course.

The annual Commencement Exercises are held on the third Wednesday of June. The Fall Term begins on the first Wednesday of September.

1871. June 8, Annual Examination begins.
" " 9, Monongalian Society Anniversary.
" " 11, Baccalaureate Sermon.
" " 12, Regents' Prize Contest.
" " 13, Address before the Literary Societies, by Rev. J. P. Newman, D. D., Chaplain of the United States' Senate.
" " 15, Commencement Exercises.
" " 16, Examination of candidates for admission.
" September 5, Examination of candidates for admission.
" " 6, Fall Term begins.
" December 1, " " ends.
" " 5, Winter Term begins.
" " 21, Christmas recess begins.
1872. January 3, " " ends.
" March 16, Winter Term ends. Brown Prize Contest.
" " 20, Spring Term begins.
" June 20, " " ends. Commencement Day.

EXPENSES.

Preparatory Department..... $5.00 per Term of 13 weeks.
Other Departments..... 8.00 " " " "

Students in the Preparatory Department pay one dollar; in the other Departments two dollars per term contingent fee.

Two Cadets may be appointed by each Regent, free of charge for tuition, books or stationary. Boarding varies from $3.00 to $4.00 per week.

VOLUNTEER LABOR CORPS.

Many of our young men have found it pleasant and healthful to spend an hour or two per day, at a remunerative price, in improving and ornamenting the grounds, under the direction of the Superintendent.

REGENTS' PRIZES.

1. To the Students who shall write the best essay upon a given subject, $25. To the Student who shall be adjudged the best Declaimer, $15. These prizes to be awarded after public competition, by a committee of citizens appointed by the Faculty.

BROWN PRIZES.

II. The annual sum of one hundred dollars has been placed in the President's hands by Gen. G. W. Brown, of Grafton, for the encouragement of the Literary Societies, to be awarded for superiority in Essay, Oration, Declamation and Debate.

PRIZES AWARDED.

1869.

Regents'	D. B. Purinton,	for general deportment,	$25.00
	B. W. Smith,	" " "	15.00
	M. H. Dent,	" Essay,	25.00
	W. D. Carlile,	" Declamation,	15.00

1870.

Brown	T. G. Edmiston,	for Declamation,	$10 00
	W. L. Ledwith,	" Essay,	20.00
	A. E. McLane,	" Oration,	30.00
	M. L. Temple,	" Debate,	40.00

1870.

Regents'	B. W. Smith,	for deportment,	$25.00
	R. M. Strickler,	" "	15.00
	A. E. McLane and W. L. Ledwith,	Essay,	25.00
	A. F. Lazier,	for Declamation,	15.00

1871.

Brown	J. S. Willetts,	for Declamation,	$10.00
	D. W. Border,	" Essay,	20.00
	J. C. White,	" Oration,	30.00
	D. B. Purinton,	" Debate,	40.00

DISCIPLINE.

The rules of the University require that every Student shall be in his place at all stated exercises from the opening to the close of his connection with the University. A record is kept in which are entered the grade of Scholarship of each Student, his absence from the exercises of the Institution, his tardiness, or failure in recitation, unless satisfactorily accounted for. An abstract of this record is sent at the close of each Term to parents or guardians, so that they may see what, and how their wards are studying, and how they stand in scholarship and deportment. In case of negligence, irregularity, or other misconduct, the Student will be privately admonished and the parent or guardian will be informed of the fact. Mere inattention to study will, if persisted in, insure dismission from the University. No Student is allowed to leave the town during Term time without special permission.

Students from abroad, under fifteen years, should have their money sent to, and their bills settled, by Capt. Pierce, Registrar of the University.

RELIGIOUS INSTRUCTION AND WORSHIP.

The exercises of each day are opened with reading the Scriptures and prayer, at which all the Students are required to be present. They are also required to attend regularly some place of religious worship on the Sabbath, and on all occasions to treat the institutions of religion with respect.

LIBRARY.

A respectable beginning towards a University Library has already been made. About fifteen hundred volumes have been carefully selected and placed on its shelves, including not only many choice and valuable books of reference, but also standard works in the various departments of History, Biography, Theology, Agriculture, Art, Science and General Literature.

We respectfully request the friends of Education to make contributions to its shelves.

Copies, also, of the *Daily Wheeling Intelligencer* and *Tri-Weekly Wheeling Register*, and of nearly all the weekly journals in the State, as well as several from other States, have been cheerfully donated to the Reading Room of the University. We trust these are but the beginnings of larger gifts.

MUSEUM, APPARATUS, &c.

The University is in possession of apparatus requisite for thorough illustration of Chemistry and Physics.

The Museum contains extensive Mineralogical, Geological and Conchological cabinets, together with many specimens in other departments of Natural History. We request all who are interested in such matters to send suitable specimens for the Museum, especially Indian relics, shells, minerals, fossils, and alcoholic specimens of animals. Such donations will be acknowledged and carefully labeled with the name of the donor.

The vicinity of the University offers unrivalled advantages for the study of practical Geology. Especial attention will be paid to this branch.

The laboratory of Practical Chemistry is in operation. The instruction for the present is devoted chiefly to analysis, with its application to agriculture.

Donations to the Museum have been received during the year as follows :

Border, D. W., Frederick City, Md. Snakes.

Beekman, Duryee, Schoharie, N. Y. Revolutionary Coin.

Dent, M. H., Pruntytown, W. Va. Fresh Water Shells.

Dille, J. A., Morgantown, W. Va. Canadian Coin.

Gebbard, Jno. Jr., Schoharie, N. Y. Limestone with Glacial Striae.

Hoffman, N. N., Morgantown, W. Va. Journal of Chinese Colporteur.
Hindman, W. L., Shinnston, W. Va. Silicified Wood.
Hough, L. S., Morgantown, W. Va. Gold Ore from California.
Harris, J. T., Harrisville, W. Va. Fossils from Miocene Marls, Va.
Jackson, M., Morgantown, W. Va. Nests and Eggs of various birds.
Linch, G. P., Wheeling, W. Va. Concretions.
Lyon, F. S., Mich. Chinese Coins and Curiosities.
McCrum, W. Va. Galena and Flint arrow-head.
Mills, Pittsburgh, Pa. Petroleum Waste.
Osgood, G. R., W. Va. Indian Relics.
Parks, Mrs. Dr., Malden, W. Va. Marine Shells from California.
Protzman, W. J , Morgantown, W. Va. Coin.
Stine, D. H., Morgantown, W. Va. Coins.

The University is especially indebted to the *Smithsonian Institution* for several collections of marine shells.

DEPARTMENT OF MILITARY SCIENCE AND TACTICS

The National endowment of the University requires provision to be made for instruction in Military Tactics. The Board of Regents has provided the facilities for carrying out these obligations. Experience has demonstrated the wisdom of the plan.

The Course of Instruction embraces Infantry, Cavalry and Artillery Tactics; the use of the Bayonet and Sabre; Ordnance and Gunnery; Military Engineering, and the Science of War.

Attendance upon the exercises is made obligatory upon cadets, and the regular University classes, unless exempted therefrom, by the Faculty, for adequate cause.

A full uniform has been adopted for the cadets, to be made after the University pattern, harmonizing as far as may be, the elements of neatness, economy and utility.

The exercises occupy one hour daily, on the afternoon of Monday, Tuesday, Wednesday and Thursday of each week, at times not to conflict with regular recitations.

Instruction is given in the form of class lectures on the subject of Science of Gunnery, Military Engineering and the Art of War.

LITERARY SOCIETIES.

There are two of these in connection with the University, furnished with suitable halls, and whose exercises in Composition, Reading, Orations, Debate and Criticism are, in many respects, of great advantage to the student. They also afford facilities for the study of, and acquaintance with, Parliamentary forms, and the acquisition of business habits. The Authorities of the University will afford every facility for increasing the accommodations and usefulness of these valuable auxiliaries.

LOCATION.

Morgantown, the seat of the University, is beautifully located on the right bank of the Monongahela river, Monongalia county, West Virginia. The scenery around is exceedingly attractive and picturesque. The place has long been famous for its social, intellectual and moral culture, and general healthfulness. Coaches leave every morning to and from Fairmont, on the Baltimore and Ohio Railroad. There is also a daily conveyance between Morgantown and Uniontown, Pa. Steamboats from Pittsburgh arrive every day at Geneva, twelve miles below Morgantown, and at Morgantown twice each week. A place more eligible for the quiet and successful pursuit of Science and Literature is nowhere to be found.

THE NEW UNIVERSITY BUILDING,

Now completed, is a model of architectural beauty and convenient arrangement, greatly increasing the facilities for carrying out the noble designs for which the University was established.

Erratum.—Insert the name of John Wesley Hickman, Middlebourne, Tyler county, W. Va., in the list of the Preparatory Department; add 4 to the Recapitulation, making total number of Students 170.

CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

West Virginia University,

FOR THE YEAR

1871-72.

MORGANTOWN:
MORGAN & HOFFMAN, PRINTERS.
1872.

Board of Regents.

No. of District.	Name of Regent.	P. O. Address.
1	T. H. LOGAN, President,	*Wheeling.*
2	Hon. F. H. PEIRPOINT,	*Fairmont.*
3	GEORGE M. HAGANS,	*Morgantown.*
4	SAMUEL BILLINGSLEY,	*Middlebourne.*
5	D. H. LEONARD,	*Elizabeth.*
6	J. LOOMIS GOULD,	*Buckhannon.*
7	W. W. HARPER,	*Point Pleasant.*
8	J. S. WILKINSON,	*Hamlin.*
9	ALEX. F. MATHEWS,	*Lewisburg.*
10	JAMES CARSKADON,	*New Creek.*
11	G. M. BELTZHOOVER,	*Shepherdstown.*

Officers of the Board.

T. H. LOGAN, President,
ADAMS W. LORENTZ, *Treasurer.*
GEORGE C. STURGISS, *Secretary.*

Executive Committee.

GEORGE M. HAGANS, Chairman.
Hon. JOHN A. DILLE.
E. H. COOMBS.
ASHBEL FAIRCHILD.
GEORGE C. STURGISS.
ALEXANDER MARTIN.

Faculty and Teachers.

REV. ALEX. MARTIN, D. D., PRESIDENT,
And Professor of Mental and Moral Science

S. G. STEVENS, A. M., VICE-PRESIDENT,
And Professor of Astronomy and Physics.

H. H. PIERCE, BVT. CAPT. U. S. A.,
Professor of Mathematics and Military Science.

J. J. STEVENSON, A. M., PH. D.,
Professor of Chemistry and Natural History.

F. W. WOOD, A. M., PH. D.,
Professor of Modern Languages and Literature.

REV. J. B. SOLOMON, A. M.,
Professor of English Literature, and Principal of Preparatory Department.

REV. JOHN W. SCOTT, D. D., LL. D.,
Acting Professor of Ancient Languages and Literature.

GEORGE N. GLOVER, A. M.,
Acting Professor of History, Political Economy, and Belles Lettres.

J. B. SOLOMON,
Secretary of Faculty.

GEORGE M. HAGANS, ESQ.,
Superintendent of Grounds and Buildings.

HUGH W. BROCK, M. D.,
Lecturer on Physiology and Hygiene.

HON. JOHN A. DILLE,
Lecturer on Civil and Constitutional Law.

CAPT. H. H. PIERCE, Librarian.

A. G. ALCOTT, A. B., Teacher of Elocution.

Students.

Seniors.

Drabell, John Herschell	Lit.	*Morgantown, Monongalia Co.*
M'Lane, Alan Elza	Lit.	" " "
Smith, Benjamin Wells	Lit.	*Ripley, Tyler Co.*
White, Israel C.	Lit.	*Jollytown, Greene Co., Pa.*

Juniors.

Babb, Charles Montgomery	Lit.	*Locust Grove, Grant County.*
Boughner, William Le Roy	Sci.	*Morgantown.*
Brown, James Frederick	Lit.	*Charleston, Kanawha County.*
Bullock, Edmund Tanner	Lit.	*Parkersburg, Wood County.*
Chadwick, Richard Vincent	Lit.	*Morgantown.*
Harris, John Thomas	Sci.	*Harrisville, Ritchie County.*
Hoffman, Daniel Clark	Opt.	*Morgantown.*
Linch, George Preston*	Sci.	*Wheeling, Ohio County.*
McClure, Taylor Bascom	Sci.	*Louisa, Lawrence Co., Ky.*
Price, Thomas Horner	Sci.	*Mooresville, Monongalia Co.*
Prichard, William Taylor	Sci.	*Mannington, Marion Co.*
Purinton, Daniel Boardman	Lit.	*Morgantown.*
Temple, Marcellus Luther	Lit.	*Wadestown, Monongalia Co.*
Waters, James Talman	Lit.	*New York City.*

Lit.—Literary Course. Sci.—Scientific Course. Opt.—Optional Course. * Conditioned.

Sophomores.

Dean, John Shreve William	Lit.	*Buckhannon, Upshur County.*
Howell, William Moses	Lit.	*Morgantown.*
Jacobs, Thomas Perry	Lit.	"
Logie, John Harry*	Lit.	*Kerneysville, Jefferson County.*
Lynch, Charles Wesley	Lit.	*Brown's Creek, Harrison Co.*
McCrum, Page Robert	Lit.	*German Settlement, Preston Co.*
Millar, George Washington	Lit.	*Scio, Ohio.*
Moran, Ellsworth Elza*	Opt.	*Forksburg, Marion County.*
Solomon, John Burges*	Lit.	*Morgantown.*
Woods, Frank	Lit.	*Phillippi, Barbour County.*

Freshmen.

Adams, Samuel Shugert	Lit.	*Washington City, D. C.*
Allen, Guy Richard Champline	Lit.	*Morgantown.*
Argabrite, George Taylor	Opt.	*Palestine, Greenbrier County.*
Arnett, William Jerome*	Lit.	*Arnettsville, Monongalia Co.*
Botkin, William Chapman	Opt.	*Charleston, Kanawha County.*
Brown, Robert Ludington	Opt.	*Morgantown.*
Carskadon, James Thronton	Opt.	*Headsville, Mineral County.*
Day, John E.	Opt.	*Wheeling, Ohio County.*
Doliver, Robert H.	Lit.	*Morgantown.*
Doliver, Jonathan Prentiss	Lit.	"
Ison, Willey Owens	Opt.	*Parkersburg, Wood County.*
Lazier, Andrew Foreman*	Sci.	*Morgantown.*
Martin, James Virginius	Lit.	*Morgantown.*
Mason, James H.*	Lit.	*White Day, Monongalia Co.*
McCleave, Johns	Lit.	*Cumberland, Md.*
McCrum, Lloyd	Sci.	*German Settlement, Preston Co.*
McCulloch, Abram Inskipt	Lit.	*Clinton, Ohio County.*
Peterson, James Jackson	Lit.	*Weston, Lewis County.*
Pigott, Thomas Golden	Opt.	*Hesville, Harrison County.*
Ramage, Thomas Charles	Opt.	*West Milford, Harrison County.*
Ryon, Jesse Truesdell	Opt.	*Charleston, Kanawha County.*
Warman, Clemmer*	Opt.	*Laurel Iron Works, W. Va.*
Willetts, John Samuel	Lit.	*Wheeling, Ohio County.*

Lit.—Literary Course. Sci.—Scientific Course. Opt.—Optional Course. *Conditioned.

Preparatory Department.

Allen, George Eastham.....*Buffalo, Putnam County, W. Va.*
Armstrong, Robert P.....*Wheeling, W. Va.*
Arnett, James Elroy.....*Arnettsville, Monongalia Co.*
Atkeson, Thomas Clark.....*Buffalo, Putnam Co.*
Babb, Milton Edmund.....*Luney's Creek, Grant Co.*
Baker, Henry B.....*East Bethlehem, Wash'ton Co., Pa.*
Barker, David H.....*New Geneva, Pa.*
Basnett, Ferdinand Samuel.....*Morgantown.*
Birtcher, Calvin L.....*Randall, Monongalia Co.*
Blaney, Henry Clay.....*Morgantown.*
Boyers, James S.....*Randall, Monongalia Co.*
Brown, John Craig.....*Buffalo, Putnam Co.*
Brown, William Gay.....*Kingwood, Preston Co.*
Chadwick, David.....*Morgantown.*
Core, Moses Leven.....*Cassville, Monongalia County.*
Courtney, Alpheus S.....*Randall,* " "
Courtney, Melville Clark..... " " "
Cox, James Alfred.....*Arnettsville,* " "
Cox, Arthur.....*Rivesville, Marion County.*
Crane, John Morris.....*Kingwood, Preston* "
Criss, Sylvester H.....*Phillippi, Barbour* "
Criswell, Newton Campbell.....*Moundsville, Marshall County.*
Dawson, R. William.....*Beallsville, Washington* " *Pa.*
Dering, Henry Stealey.....*Morgantown.*
Dille, Clarence Brown..... "
Dils, George.....*Parkersburg, Wood County.*
Downs, Ashbel Fairchild.....*Geneva, Fayette County, Pa.*
Enlow, James Allen.....*Oakland, Md.*
Eskey, Leonard.....*Sherrard, Marshall County.*

Fife, Cyrus Krider.....*Morgantown.*
Fitch, James Plummer..... "
Fitch, Dorsey Plummer..... "
Fleming, Julien E..... "
Frashe[illegible] Luke.....*Tippecanoe, Fayette County, Pa.*
Gale, George W.....*Parkersburg, Wood County.*
Guthrie, John Wort.....*Dunbar, Fayette County, Pa.*
Hagans, George H.....*Morgantown.*
Hagans, William Lucian..... "
Hall, Samuel J.....*Laurel Point, Monongalia County.*
Hamill, Henry P.....*Oakland Md.*
Harpold, Curtis L.....*Hartford City, W. Va.*
Hartley, Homer.....*Morgantown.*
Hartley, Luther E..... "
Hartman, Endress Bouck.....*Clarksburg, Harrison County.*
Hawthorn, Richard R.....*Newport, Kentucky.*
Hawthorn, Joseph H.....*Randall, Monongalia County.*
Hickman, Jeremiah W.....*Pursley, Tyler* "
Hitchins, Howard.....*Frostburg, Maryland.*
Hood, Thomas Milton.....*Arnettsville, Monongalia County.*
Horner, Charles Scott.....*Wilsonburg, Harrison* "
Howell, Fleming.....*Morgantown.*
Hubbard, Harry D.....*Wheeling.*
Jackson, Charles William.....*Kingwood, Preston County.*
Jacobs, William Lambert.....*Morgantown.*
Jacobs, C. Columbus.....*White Day, Monongalia County.*
Jamison, William Calvin.....*Laurel Point,* " "
Jones, Barton Morris.....*Cassville,* " "
Keck, Julius M.....*Morgantown.*
Kemp, Howard Mason.....*Bloomington, Md.*
Kincaid, George W.....*Morgantown.*
Knight, George Coster.....*Moundsville, Marshall County.*
Laidley, George S.....*Charleston, Kanawha* "
Little, Thomas A.....*Wheeling, W. Va.*
Long, Isaac McCarty.....*New Creek, Mineral* "
McLure, Harry.....*Wheeling, W. Va.*
McRa, Waitman.....*Clinton Mills, Monongalia Co.*

Marsh, Enoch Jasper.....*St. George, Tucker County.*
Martin, John Erian.....*Morgantown.*
Martin, Charles Alexander..... "
Mitchell, Mark..... "
Moore, Charles Andrew..... "
Morrow, Robert William.....*Benwood, Marshall County.*
Nash, James Henry.....*Buffalo, Putnam* "
Nessley, Charles S.....*Linton, Ohio.*
O'Brien, Alonzo Lee.....*Weston, Lewis County.*
O'Connor, John.....*Osage, Kansas.*
Parshall, Isaac H.....*McClellandtown, Pa.*
Payne, Jed Goff.....*Bridgeport, Harrison County.*
Payne, Waldo W..... " " "
Pell, John Ringold.....*Burning Springs, W. Va.*
Pitrat, Willie Anthony.....*Buffalo, Putnam County.*
Protzman, Randolph.....*Easton, Monongalia* "
Purinton, George Dana.....*Morgantown.*
Ravenscraft, Walter Sargent.....*Frostburg, Md.*
Reed, Charles A.....*Wheeling, W. Va.*
Rich, Daniel.....*Laurel Point, Monongalia County.*
Robbins, William Lindsey.....*Maidsville,* " "
Robinson, Eustace Leon.....*Morgantown.*
Rogers, Daniel..... "
Shay, James Coburn.....*Easton, Monongalia County.*
Smith, Edgar.....*Randall,* " "
Smith, William Bryant.....*Bellaire, Ohio.*
Snodgrass, Winfield Columbus.....*Newburg, Preston County.*
Staggers, Thomas B.....*Morgantown.*
Stevens, Joseph Theophilus.....*West Epping, New Hampshire.*
Stewart, Odus Sherman.....*Arnettsville, Monongalia County.*
Talbott, John Lafayette.....*Frenchton, Upshur County.*
Tennant, Alpheus.....*New Brownsville, Monongalia Co.*
Warden, William.....*Granville,* " "
Warden, Reger Alfred..... " " "
Warman, Elza.....*Laurel Iron Works,* " "
Warman, Lindsey..... " " " " "
Wetzel, Daniel Elliott.....*Burning Springs, W. Va.*

Wheat, Harry Lawson.....*Wheeling, W. Va.*
Wiley, Rankin.....*Hartford City, W. Va.*
Wilson, Edgar Woods.....*Morgantown.*
Yates, Thornton B.....*Grafton, Taylor County.*
Yeager, George G.....*Randall, Monongalia County.*

Military Department.

Bvt. Captain H. H. PIERCE, U. S. Army,
COMMANDANT.

STAFF.

Cadet CHARLES M. BABB, Second Lieut. and Adjutant.
" MARCELLUS L. TEMPLE, First Lieut. and Ord. Officer.

Commissioned Officers---Corps of Cadets.

CADET JOHN H. DRABELL, *Major.*

CADET BENJ. W. SMITH, *Captain.*
" ISRAEL C. WHITE, *First Lieutenant.*
" ———— ————, *Second* "

Drum Corps.

John T. Harris,
A. Foreman Lazier,
Samuel S. Adams,
Harry McLure,
George P. Linch,
Thomas H. Price.

Corps of Cadets.

District.	Name.	Present or Absent.
I.	James J. Peterson,	Present for duty.
	John S. Willetts,	Present for duty.
II.	Israel C. White,	Present for duty.
	Ellsworth E. Moran,	Present for duty.
III.	Marcellus L. Temple,	Present for duty.
	Luther E. Hartley,	Present for duty.
IV.	Benjamin W. Smith,	Present for duty.
	John S. W. Dean,	Present for duty.
V.	Willey O. Ison,	Present for duty.
	Endress B. Hartman,	Present for duty.
VI.	John H. Drabell,	Present for duty.
	Charles W. Lynch,	Present for duty.
VII.	James F. Brown,	Present for duty.
	James H. Nash,	Present for duty.
VIII.	James T. Waters,	Present for duty.
	John R. Pell,	Present for duty.
IX.	William M. Howell,	Present for duty.
	——— ———,	
X.	Charles M. Babb,	Present for duty.
	James J. Carskadon,	Present for duty.
XI.	Leonard Eskey,	Present for duty.
	——— ———	

Normal Class.

Allen, George Eastham.
Atkeson, Thomas Clark
Barker, Henry B.
Brown, John Craig
Core, Moses L.
Cox, James Alfred
Cox, Arthur
Dawson, R. William
Enlow, James A.
Eskey, Leonard
Hartley, Luther E.
Hartman, Endress Bouck
Hickman, Jeremiah W.
Hood, Thomas Milton
Ison, Willey O.
Jacobs, C. Columbus
Keck, Julius M.
Kincaid, George W.
McRa, Waitman
Mason, James H.
Marsh, Enoch J.
Moran, Ellsworth E.
Nash, James H.
Pigott, Thomas G.
Purinton, George Dana
Solomon, John B.
Warman, Clemmer

Weekly Lectures have been delivered to the Normal Class by the Professors of the University during the term, as follows:

President Martin, two—1st, "A knowledge of the Science of Mind essential to the Teacher." 2d, "The Character of the Education needed for an Agricultural People."

Dr. Scott, two lectures on "Philology."

Prof. Stevens, two lectures on "Heat."

Capt. Pierce, one on "The Utility of Mathematics."

Dr. Wood, one on "The Importance and Best Method of Studying Modern Languages."

Prof. Glover, one on "The Study of History."

Prof. Solomon,—the Professor in charge—two on "The Importance of the Cultivation of Finer Sensibilities of our Nature."

All the members of the SENIOR CLASS, and some of the other Classes, have been, more or less engaged in the department of instruction during the year.

Volunteer Labor Corps.

G. E. Allen,
W. J. Arnett,
T. C. Atkeson,
D. H. Barker,
W. G. Brown,
S. H. Criss,
H. S. Dering,
R. H. Doliver,
J. P. Doliver,
J. A. Enlow,
H. Hitchens.
W. O. Ison,
C. W. Lynch,
Johns McCleave,
J. H. Nash,
John OConner,
J. J. Peterson,
W. T. Prichard,
W. S. Ravenscraft.
T. B. Staggers,
J. T. Waters,
T. B. Yates.

Many of our young men have found it pleasant and healthful to spend an hour or two per day, at a remunerative price, in improving and ornamenting the grounds, under the direction of the Superintendent. The corps also forms the nucleus of a class in practical and scientific farming and related studies.

Recapitulation.

Seniors,	4
Juniors,	14
Sophomores,	10
Freshmen,	23
Normal Students,	27
Preparatory Students,	81
TOTAL,	159

Requisites for Admission.

I. All candidates for admission to any Department of the University, must present satisfactory evidence of good moral character.

II. Students coming from other Colleges must produce certificates of honorable dismission from the same.

III. Those entering as Students for a Degree in any Department of the University, must sustain an examination in the various studies of the Preparatory School of the University, or their equivalent.

IV. Candidates for advanced standing must sustain an examination in the previous studies of the Department which they desire to enter.

V. The regular examination for admission of candidates, who have not pursued the preliminary studies in the Preparatory School of the University, will take place on Friday, [June 21st], succeeding Commencement, and on Tuesday, [September 3rd], preceding the opening of the Fall term.

VI. Candidates should procure a copy of the printed laws of the University, also the Treasurer's receipt for tuition, before presenting themselves for enrollment.

Courses of Instruction.

The instruction thus far provided for in the University proper, is principally embraced in six departments, or courses of study, viz: Literary Department, Scientific Department, Engineering Department, Agricultural Department, and Military Department.

LITERARY DEPARTMENT.

This Department, leading to the Degree of Artium Baccalaureus, embraces studies in nine schools, as follows:

I. School of Philosophy.

Professor in charge—PRESIDENT MARTIN.

In this School the instruction is given partly by the use of text books, and partly by lectures. The Literary Course includes six terms in this School.

FIRST YEAR.

FALL TERM—*Mental Philosophy*—The Intellect.

WINTER TERM—*Mental Philosophy*—The Sensibilities and the Will.

SECOND YEAR.

FALL TERM.—Moral Science—Wayland's.

WINTER TERM.—*Political Philosophy*—International Law—Woolsey.

WINTER TERM.—*Sacred Philosophy*—Butler's Analogy.

SPRING TERM.—*Sacred Philosophy*—Natural Theology and Ev. Christianity.

II. School of Astronomy and Physics.

PROFESSOR STEVENS.

This School furnishes studies in the Literary Course, extending through two years.

JUNIOR YEAR.

FALL TERM.—*Physics*—Silliman's, to Chap. IV, including problems.

WINTER TERM.—*Physics*—Pneumatics; Acoustics; Optics.

SPRING TERM.—Heat; Correlation of Forces; Electricity.

SENIOR YEAR.

WINTER TERM.—*Astronomy*—Robinson's, Descriptive and Physical.

SPRING TERM.—Practical Astronomy.

The various branches of Physics are illustrated by means of suitable apparatus. In Astronomy, the treatment in the text book is supplemented by lectures, whenever it is required, in order to represent fairly the present state of astronomical knowledge.

III. School of Mathematics and Engineering.

PROFESSOR PIERCE.

The studies in the Classical Department of this School extend through three years.

FRESHMAN YEAR.

FALL TERM.—*Mathematics*—Robinson's New University Algebra.

WINTER TERM.— " Robinson's Geometry, commencing at Book VI.

SPRING TERM.— " Robinson's Spherical Geometry and Trigonometry.

SOPHOMORE YEAR.

FALL TERM.—*Engineering*—Mensuration, Surveying and Navigation.

WINTER TERM.—*Mathematics*—Conic Sections and Analytical Geometry.

JUNIOR YEAR.

FALL TERM.—*Mathematics*—Differential and Integral Calculus.

IV. School of Chemistry and Natural History.

PROFESSOR STEVENSON.

SOPHOMORE YEAR.

FALL TERM.—*Inorganic Chemistry*—Roscoe's.

WINTER TERM.—*Organic Chemistry*— "

SPRING TERM.—*Botany*—Gray's School and Field Book.

JUNIOR YEAR.

WINTER TERM.—*Zoology*—Agassiz and Gould.

SPRING TERM.—Anatomy and Physiology.

SENIOR YEAR.

FALL TERM.—Geology—Dana.

V. School of Greek Language and Literature.

ACTING PROFESSOR SCOTT.

FRESHMAN YEAR

FALL TERM.—Herodotus—Arnold's Greek Prose Composition.

WINTER TERM.—Homer's Iliad—Arnold (continued); Greek Grammar.

SPRING TERM.—Homer's Odyssey; Arnold's Prose Comp. (completed).

SOPHOMORE YEAR.

FALL TERM.—Xenophon's Memorabilia—Exercises in Greek Composition.

SPRING TERM.—Plato—Crito and Apology.

JUNIOR YEAR.

FALL TERM.—Euripides' Alcestis. (Elective.)

SPRING TERM.— Demosthenes—On the Crown.

SENIOR YEAR.

WINTER TERM.—Sophocles—(Edipus Tyrannus. (Elective.)

Instead of the Latin and Greek of the Junior year, the student may elect French, and for those of the Senior year, German; such election being made at the beginning of the year.

VI. School of Latin Language and Literature.

ACTING PROFESSOR SCOTT.

FRESHMAN YEAR.

FALL TERM.—Virgil—Bucolics and Georgics; Arnold's Latin Prose Comp.

WINTER TERM.—Horace—Odes and Epodes.

SPRING TERM.—Cicero—De Senectute or De Amicitia.

SOPHOMORE YEAR.

WINTER TERM.—Horace—Satires and Epistles; Exercises in Latin Comp.

SPRING TERM.—Livy—Lincoln's; Exercises in Latin Composition.

JUNIOR YEAR.

WINTER TERM.—Tacitus—Germania and Agricola; Latin Composition continued. (Elective.)

SENIOR YEAR.

FALL TERM.—Cicero—De Officiis; Written Exercises on Historical Subjects. (Elective.)

VII. School of History and English Literature.

PROFESSOR SOLOMON.

Besides Themes, Declamations and Rhetorical Readings throughout the course, this School embraces six terms, equivalent to two years of instruction by text books.

FRESHMAN YEAR.

WINTER TERM.—English Literature.

SOPHOMORE YEAR.

FALL TERM.—English Philology.

SPRING TERM.—Rhetoric.

SENIOR YEAR.

SPRING TERM.—Literary Criticism—Lord Kames'.

VIII. School of Military Science and Tactics.

PROFESSOR PIERCE.

FIRST YEAR.

FIRST TERM.—*Infantry Tactics*—School of the Soldier.

SECOND TERM.—*Cavalry Tactics*—Sabre Drill; Lectures.

THIRD TERM.—*Artillery Tactics*—School of the Piece.

SECOND YEAR.

FIRST TERM.—*Infantry Tactics*—School of the Company.

SECOND TERM.—*Bayonet Exercise*—Lectures.

THIRD TERM.—*Target Practice*—Small Arms.

THIRD YEAR.

FIRST TERM.—*Infantry Tactics*—School of the Battalion.

SECOND TERM.—*Military Engineering*—Lectures.

THIRD TERM.—*Target Practice*—Heavy and Field Artillery.

FOURTH YEAR.

FIRST TERM.—*Infantry Tactics*—School of the Brigade.

SECOND TERM.—*Science of Gunnery*—Lectures; Martial Law—Lectures.

THIRD TERM.—*Art of War*—Lectures.

Dress Parades, Reviews, Inspections and Guard Mountings are held as often as is deemed expedient throughout the entire course.

IV. School of History, Political Economy, and Belles Lettres.

ACTING PROFESSOR GLOVER.

FRESHMAN YEAR.

FALL TERM.—Universal History.

SPRING TERM.—Constitution of the United States and of West Virginia.

SOPHOMORE YEAR.

WINTER TERM.—Logic—Coppee's.

JUNIOR YEAR.

SPRING TERM.—Political Economy—Bowen.

SENIOR YEAR.

FALL TERM.—History of Civilization—Guizot.

SCIENTIFIC DEPARTMENT.

This Department, leading to the degree of Bachelor of Science, embraces studies in eight Schools, as follows:

I. In the School of Philosophy.

Professor in Charge—PRESIDENT MARTIN.

JUNIOR YEAR.

FALL TERM.—*Mental Philosophy*—The Intellect.

WINTER TERM.—*Mental Philosophy*—The Sensibilities and the Will.

SENIOR YEAR.

FALL TERM.—*Moral Science*—Wayland, and Lectures.

II. School of Astronomy and Physics.

PROFESSOR STEVENS.

SOPHOMORE YEAR.

FIRST TERM.—General Principles of Physics—Silliman's.

SECOND TERM.—Pneumatics; Acoustics; Optics; Problems.

THIRD TERM.—Heat; Magnetic, Statical and Dynamical Electricity.

JUNIOR YEAR.

FIRST TERM.—Meteorology—Loomis'.

SECOND TERM.—Analytical Mechanics.

THIRD TERM.—Analytical Mechanics. Completed.

SENIOR YEAR.

FIRST TERM.—Physical Geography.

SECOND TERM.—Descriptive and Physical Astronomy.

THIRD TERM.—Practical Astronomy, Calculation and Graphical Construction of Eclipses; Solution of Problems to be verified by the Nautical Almanac.

To pursue successfully the studies of the first year of this School, students must have a fair acquaintance with Algebra, Geometry and Trigonometry, and in addition to these, should have, before commencing those of the second year, some knowledge of Analytical Geometry and Calculus.

III. In the School of Mathematics and Engineering.

PROFESSOR PIERCE.

FRESHMAN YEAR.

FIRST TERM.—Robinson's University Algebra.

SECOND TERM.—Robinson's Geometry, beginning at Book VI.

THIRD TERM.—Robinson's Spherical Geometry and Trigonometry.

SOPHOMORE YEAR.

FIRST TERM.—Robinson's Mensuration, Surveying and Navigation.

SECOND TERM.—Robinson's Analytical Geometry and Conic Sections.

THIRD TERM.—Analytical Geometry, completed.

JUNIOR YEAR.

FIRST TERM.—Differential Calculus.

SECOND TERM.—Integral Calculus.

IV. School of Chemistry and Natural History.

PROFESSOR STEVENSON.

FRESHMAN YEAR.

FALL TERM.—Roscoe's Chemistry. (Inorganic).

WINTER TERM.—Roscoe's Chemistry. (Organic).

SPRING TERM.—Gray's School and Field Book of Botany.

SOPHOMORE YEAR.

FALL TERM.—Chemical Analysis.

WINTER TERM.—Agricultural Chemistry—Analysis of Soils, &c.

SPRING TERM.—Manual of Agriculture.

JUNIOR YEAR.

WINTER TERM.—Zoology.

SPRING TERM.—*Human Anatomy and Physiology*—Draper's.

SENIOR YEAR.

FALL TERM.—Lithological, Dynamical and Historical Geology—Dana.

V. School of Modern Languages.

PROFESSOR WOOD.

FRESHMAN YEAR.

FALL TERM.—*French*—Fasquelle's French Course; Oral and Written Exercises.

WINTER TERM.—*French*—Fasquelle completed.

SPRING TERM.—*French*—Telemachus, or Dumas' Napoleon; Memorizing Sentences and Conversation.

SOPHOMORE YEAR.

FALL TERM—*French*—completed.

JUNIOR YEAR.

FALL TERM.—*German*—Comfort's German Course; Oral and Written Exercises.

SPRING TERM.—*German*—Selected Poetry of Goethe; Heyse's advanced Grammar, and his view of German Literature.

SENIOR YEAR.

WINTER TERM.—German, continued.

SPRING TERM.—German, continued.

VI. School of English Language and Literature.

PROFESSOR SOLOMON.

FRESHMAN YEAR.

WINTER TERM.—Shaw's Manual of English Literature.

SOPHOMORE YEAR.

FALL TERM.—English Philology.

SPRING TERM.—Rhetoric.

SENIOR YEAR.

SPRING TERM.—Elements of Criticism.

VII. School of Military Science and Tactics.

PROFESSOR PIERCE.

The studies in this School are the same as those in the Literary Department. They are enumerated on page 18.

VIII. School of History, Political Economy and Belles Lettres.

ACTING PROFESSOR GLOVER.

FRESHMAN YEAR.

FALL TERM.—Universal History.

SPRING TERM.—Constitution of the United States and West Virginia.

SOPHOMORE YEAR.

WINTER TERM.—Logic. Coppee.

JUNIOR YEAR.

SPRING TERM.—Political Economy. Bowen.

SENIOR YEAR.

FALL TERM.—History of Civilization. Guizot.

DEPARTMENT OF ENGINEERING.

The studies in this Department, for the first and second years, are the same as in the general Scientific Course. For the Junior and Senior years they are in the

School of Philosophy.

PRESIDENT MARTIN.

JUNIOR YEAR.

FALL TERM.—The Human Intellect.

WINTER TERM.—The Sensibilities and the Will.

SENIOR YEAR.

FALL TERM.—Moral Philosophy.

School of Astronomy and Physics.

PROFESSOR STEVENS.

JUNIOR YEAR.

WINTER TERM.—Analytical Mechanics.

SENIOR YEAR.

WINTER TERM.—Descriptive and Physical Astronomy.

SPRING TERM.—Practical Astronomy.

School of Mathematics and Engineering.

PROFESSOR PIERCE.

FALL TERM.—Civil Engineering—Mahan.

WINTER TERM.—Military Engineering—Mahan.

SPRING TERM.—Gillespie on the Location, Construction and Improvement of Roads and Railroads.

School of Chemistry and Natural History.

PROFESSOR STEVENSON.

FALL TERM.—Geology—Lithological, Historical and Dynamical—Dana; Geological Excursions.

AGRICULTURAL DEPARTMENT.

In this Department, the studies for the first and second years are the same as in the general Scientific Course, excepting that for Modern Languages are substituted Lectures on various subjects related to Agriculture. Analytical Geometry and the Calculus are omitted.

School of Philosophy.

PRESIDENT MARTIN.

JUNIOR YEAR.

FALL TERM.—*Mental Philosophy*—The Intellect.

WINTER TERM.—*Mental Philosophy*—The Sensibilities and the Will.

SENIOR YEAR.

FALL TERM.—Moral Science.

SPRING TERM.—Natural Theology and Ev. of Christianity.

School of Astronomy and Physics,

PROFESSOR STEVENS.

JUNIOR YEAR.

FALL TERM.—Physics.

WINTER TERM.—Physics.

SPRING TERM.—Physics; Heat and Electricity.

School of Mathematics and Engineering.

PROFESSOR PIERCE.

SPRING TERM.—Location and Construction of Roads—Gillespie.

School of Chemistry and Natural History.

PROFESSOR STEVENSON.

WINTER TERM.—Dana's Text Book of Geology.

" " Meteorology.

The subjects for Lectures during the course, are the following:

FIRST YEAR.

Fall Term.—The Chemistry, Structure and Physiology of Plants; on the Water, Atmosphere and Soil as related to Vegetables; on Tillage, Draining and Manuring.

Winter Term.—On Domestic Animals and their Digestion, Respiration, Assimilation and Excretion; on the Composition, Preparation and Value of different kinds of Food; on Milk, Butter, Cheese, Flesh and Wool as Agricultural Products.

Spring Term.—On Horticultural and Kitchen Gardening; on the Propagation, Training and Culture of Fruit Trees, the Vine, Small Fruits and Vegetables.

SECOND YEAR.

Fall Term.—On the staple grain, forage, root and fibre crops of this and adjoining States, and their varieties and the best soils adapted for them; on the preparation of soil, seeding, cultivating, harvesting and preparing for market; on the Origin and Natural History of Domestic Animals; on Entomology and the Insects useful and hurtful to vegetation.

Winter Term.—On the raising, care, characteristics and adaptation of different breeds of Domestic Animals; on Cattle for beef or draught, and Sheep for wool or mutton; on Horses, Swine and Poultry; on Pasturing, Soiling and Stall Feeding; on Tobacco, Hops and Forestry.

Spring Term.—On Rural Economy; on the History of Agriculture, with sketches of the same in ancient and modern times and foreign lands; on the Adaptation of Farming to soil, climate, market, and other natural and economical conditions; on the different systems of Husbandry, such as stock, sheep, grain and mixed farming.

PREPARATORY DEPARTMENT.

FIRST YEAR.

Fall Term.—Geography—Guyot's Common School; Map Drawing; Arithmetic—Stoddard's Complete; English Grammar—Etymology; Latin—commenced.

Winter Term.—Geography—Guyot continued; Map Drawing; Arithmetic—continued; English Grammar—Syntax; Latin—Grammar and Reader.

Spring Term.—Arithmetic—Complete; English Grammar—Analysis of Sentences; Latin—Grammar and Reader; Greek—Bullions' First Lessons.

SECOND YEAR.

Fall Term.—Algebra—Robinson's New University, to Involution; Book-keeping; Cæsar—Latin Grammar; Greek Grammar and Reader.

Winter Term.—Algebra—Robinson's, to Quadratics; History of the United States—Wilson's; Cicero's Orations—Bullions'; Latin Grammar; Greek Grammar and Reader.

Spring Term.—Geometry—Robinson's First Five Books; History of the United States, completed; Virgil—Three Books of Æneid; Latin Grammar; Xenophon's Anabasis; Greek Grammar.

Regular lessons in Writing, Spelling, Elocution and English Composition from the beginning.

Schedule of Daily Recitations.—FALL TERM.

	CLASS	FIRST HOUR.	SECOND HOUR.	THIRD HOUR.	FOURTH HOUR.	FIFTH HOUR.
Lit.	SENIOR.....	Moral Science.	Geology.	Hist. Civilization.	German or Latin.	
	JUNIOR.....	French, (Elective).	Calculus.	Mental Philoso'y.	Physics.	Greek, (Elective).
	SOPHOMORE...	Surveying.	Greek.	Chemistry.	English Philology.	
	FRESHMAN.....	Greek.	History.	Latin.	Algebra.	
Sci.	SENIOR.....	Moral Science.	Geology.	Hist. Civilization.		Physical Geography.
	JUNIOR.....	Meteorology.	Calculus.	Mental Philoso'y.	German.	
	SOPHOMORE...	Surveying.	French.		Physics.	Chemical Analysis.
	FRESHMAN.....	French.	History.	Chemistry.	Algebra.	

WINTER TERM.

Lit.	SENIOR.....	German (Elective).	Butler's Analogy.	Astronomy.	International Law.	Greek, (Elective).
	JUNIOR.....	Mental Philosophy.	Physics.	Zoology.	Latin or French.	
	SOPHOMORE...	Analytical Geom.	Latin.	Logic.	Chemistry.	
	FRESHMAN.....	Greek.	Geometry.	Latin.		English Literature.
Sci.	SENIOR.....	German.	Butler's Analogy.	Astronomy.	International Law.	
	JUNIOR.....	Mental Philos.		Zoology.	Analyt. Mechanics.	Calculus.
	SOPHOMORE...	Analytical Geom.	Physics.	Logic.	Chemical Analysis.	
	FRESHMAN.....	Chemistry.	Geometry.		French.	English Literature.

SPRING TERM.

Lit.	SENIOR.....	Natural Theology.	Astronomy.	Criticism.	German, (Elective.)	
	JUNIOR.....	French, (Elective).	Polit. Economy.	Physics.	Anatomy.	Greek, (Elective).
	SOPHOMORE...	Analytical Geom.	Greek.	Botany.	Latin.	Rhetoric.
	FRESHMAN.....	Greek.	Trigonometry.	Latin.	Constitution.	
Sci.	SENIOR.....	Natural Theology.	Astronomy.	Criticism.	German.	
	JUNIOR.....	Anal. Mechanics.	Polit. Economy.	German.	Anatomy.	
	SOPHOMORE...	Analytical Geom.	Agriculture.	Physics.		Rhetoric.
	FRESHMAN.....	French.	Trigonometry.	Botany.	Constitution.	

The above studies are required of all up to the close of the Sophomore year, before which time Students generally are not prepared to make an intelligent and judicious choice of their life work. During the Junior and Senior years, (the former period having been devoted to studies in which every scholar should be proficient,) the Student may, at his option, continue the regular course which he has been pursuing, or elect certain equivalent studies from other courses.

SCHEDULE OF DAILY RECITATIONS.

Preparatory Department.

	First Hour.	Second Hour.	Third Hour.	Fourth Hour.	Fifth Hour.
Fall Term,.....	Cæsar. Arithmetic. Arith., 2d Division.	Algebra.	Latin Lessons. Lat. Less., 2d Div.	Geography. Book-keeping.	Greek Reader. English Grammar. Eng. Gram. 2d Div.
Winter Term,....	Algebra. Geography.	Cicero's Orations. Latin Lessons. Lat. Less., 2d Div.	Greek Reader. English Grammar.	History U. S. Ancient Geography.	Arithmetic. Arith., 2d Div.
Spring Term,.....	Virgil. Latin Lessons. Lat. Less., 2d Div.	Anabasis. Greek Lessons. English Grammar.	Geometry. Arithmetic. Arith., 2d Div.	Normal Class.	History U. S.

General Review of t[illegible]ourses of Study.

		Literary Department.	Scientific Department.	Engineering Department.	Agricultural Department.
FRESHMAN CLASS.	FALL TERM.	Algebra—finished. Universal History. Virgil—Bucolics and Georgics. Herodotus.	University Algebra. Universal History. French—commenced. Chemistry—Inorganic.	Same as in General Scientific Department.	Physical Geography. Algebra. General History. Chemistry.
	SPRING TERM.	Geometry—completed. Manual of English Literature. Horace—Odes and Epodes. Homer—Iliad.	Geometry—completed. Manual of English Literature. French—continued. Chemistry—Organic.	Same as in General Scientific Department.	Geometry. English Literature. Logic. Chemistry.
	WINTER TERM.	Trigonometry. Constitution of U. S. and of W. Va. Cicero—De Senectute. Homer—Odyssey.	Trigonometry. Constitution—U. S. and W. Va. French. Botany—Physiological & Systematic.	Same as in General Scientific Department.	Trigonometry. Rhetoric. Constitution—U. S. and West Va. Botany.
SOPHOMORE CLASS.	FALL TERM.	Mensuration and Surveying. English Philology. Xenophon—Memorabilia. Chemistry—Inorganic.	Physics—Silliman's. Mensuration and Surveying. French. Chemical Analysis.	Same as in General Scientific Department.	
	WINTER TERM.	Analytical Geometry. Logic. Horace—Satires. Chemistry—Organic.	Physics—Acoustics and Optics. Analytical Geometry. Logic. Chemical Analysis—continued.	Same as in General Scientific Department.	For Courses of Lectures in this Department, see pages 23 and 24.
	SPRING TERM.	Rhetoric. Livy. Plato—Apology and Crito. Botany—Gray's.	Physics—Heat and Electricity. Analytical Geometry—completed. Rhetoric. Manual of Agriculture.	Same as in General Scientific Department.	
JUNIOR CLASS.	FALL TERM.	Mental Philosophy. Physics—commenced. Calculus. Euripides—Alcestis.	Mental Philosophy. Meteorology. Differential Calculus. German—commenced.	Same as in General Scientific Department.	Mental Philosophy. Physics. Land Surveying. Chemical Analysis.
	WINTER TERM.	Mental Philosophy—completed. Physics—Acoustics and Optics. Tacitus—Germania and Agricola. Zoology.	Mental Philosophy. Analytical Mechanics. Integral Calculus. Zoology.	Same as in General Scientific Department.	Mental Philosophy. Physics. Zoology. Analysis of Soils.
	SPRING TERM.	Physics; Heat; Electricity. Political Economy. Demosthenes—De Corona. Anatomy and Physiology.	Analytical Mechanics. Political Economy. German—continued. Human Anatomy.	Same as in General Scientific Department.	Physics. Political Economy. Anatomy and Physiology. Manual of Agriculture.
SENIOR CLASS.	FALL TERM.	Moral Science. History of Civilization. Cicero—*De Officiis.* Geology.	Moral Science. Physical Geography. History of Civilization. Geology—Dana's.	Moral Science. Guyot's Earth and Man. Dana's Geology. Mahan's Civil Engineering.	Moral Philosophy. Meteorology. History of Civilization. Geology.
	WINTER TERM.	Butler's Analogy. Astronomy. International Law. Sophocles—Œdipus Tyrannus.	Butler's Analogy. Astronomy—Descrip. and Physical. International Law. German—continued.	Spherical and Physical Astronomy. Military Engineering—Mahan. International Law. Analogy of Religion to Nature.	Butler's Analogy. Astronomy. International Law. Lectures.
	SPRING TERM.	Nat. Theol. and Evid. Christianity. Astronomy. Elements of Criticism.	Natural Theology. Practical Astronomy. Elements of Criticism. German—continued.	Nat. Theology. Gillespie's Roads and Railroads. Practical Astronomy. Elements of Criticism.	Natural Theology. Astronomy. Elements of Criticism. Lectures on Roads.

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		Literary Department.	Scientific Department.
FRESHMAN CLASS.	FALL TERM.	Algebra—finished. Universal History. Virgil—Bucolics and Georgics. Herodotus.	Universi[illegible]ty Algebra. Universal History. French—commenced. Chemistry—Inorganic.
	SPRING TERM.	Geometry—completed. Manual of English Literature. Horace—Odes and Epodes. Homer—Iliad.	Geometry—completed. Manual of English Literatur French—continued. Chemistry—Organic.
	WINTER TERM.	Trigonometry. Constitution of U. S. and of W. Va. Cicero—De Senectute. Homer—Odyssey.	Trigonometry. Constitution—U. S. and W. French. Botany—Physiological & Sy[illegible]
SOPHOMORE CLASS.	FALL TERM.	Mensuration and Surveying. English Philology. Xenophon—Memorabilia. Chemistry—Inorganic.	Physics—Silliman's. Mensuration and Survey French. Chemical Analysis.
	WINTER TERM.	Analytical Geometry. Logic. Horace—Satires. Chemistry—Organic.	Physics—Acousti[illegible]m Analytical Ge[illegible]and." Logic. [illegible]omote the Chemic[illegible] *pursuits and*
	SPRING TERM.	Rhetoric. Livy. Plato—Apology and Crito. Botany—Gray's.	Ph[illegible] pointed a Board *A Departments of Edu-* [illegible]*ry Tactics—including a*
JUNIOR CLASS.	FALL TERM.	Mental Philosophy. Physics—commenced. Calculus. Euripides—Alcestis.	
	WINTER TERM.	Mental Philosophy—co[illegible]npleted Physics—Acoustics and Optics. Tacitus—Germania and Agricola. Zoology.	
	SPRING TERM.	Physics; Heat; Electricity. Political Economy. Demosthenes—De Corona. Anatomy and Physiology.	
SENIOR CLASS.	FALL TERM.	Moral Science. History of Civilization. Cicero—*De Officiis.* Geology.	
	WINTER TERM.	Butler's Analogy. Astronomy. International Law. Sophocles—Œdipus Tyrannus.	
	SPRING TERM.	Nat. Theol. and Evid. Christian Astronomy. Elements of Criticism.	

s amounted to $90.000. The
buildings and money, about
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th of the Commonwealth and
ng numbers, have resorted to
$100,000, with annual appro-
t also, pursuant to the formal
ny with the design and scope
Agricultural College of West
SITY," in which the theory
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the thoroughness of its dis-
he demands of the age, the
second rate position among
nstruction in Literature and
ematics, pure and applied—
oral and social—by its reci-
ences to educate, inform and
moral principles, and supply
ire as will best prepare him
ssion in life.

To Face Page 26.

Origin and Scope of the University.

THE subject of advanced education has been in various forms before the people of West Virginia for years, but without any liberal provision having been made for the same until quite recently. The Constitution of the State makes it the duty of the Legislature to "*foster and encourage Moral, Intellectual, Scientific and Agricultural Improvement; and to make provision for the organization of such institutions of learning as the best interests of general education may demand.*" The National Congress having donated certain lands "*in order to promote the liberal and practical education of the industrial classes in the several pursuits and professions in life,*" the Legislature accepted the same, and appointed a Board to organize the Institution, with instructions to "*establish Departments of Education in Literature, Science, Art, Agriculture, and Military Tactics—including a Preparatory Department.*"

The proceeds of the sale of Congressional lands amounted to $90.000. The citizens of Morgantown contributed in grounds, buildings and money, about $50,000. The Legislature, realizing the necessity and immense value of such an Institution; its incalculable worth to the youth of the Commonwealth and of the country—scores of whom, in ever increasing numbers, have resorted to its halls—has increased the endowment to over $100,000, with annual appropriations for current and contingent expenses. It also, pursuant to the formal recommendation of the Governor, and in harmony with the design and scope of the Institution, changed its name from "The Agricultural College of West Virginia," to that of "WEST VIRGINIA UNIVERSITY," in which the theory and practice of agriculture remain an important department. We trust that in the extent and in the quality of its work, and the thoroughness of its discipline and culture, as well as adaptation to the demands of the age, the UNIVERSITY will prove itself deserving of no second rate position among the Institutions of our land. It designs by its instruction in Literature and Art—in Language, ancient and modern—in Mathematics, pure and applied—in the Sciences, agricultural, physical, mental, moral and social—by its recitations, lectures, examinations and elevating influences to educate, inform and discipline the student's mind; to strengthen his moral principles, and supply such general and generous as well as special culture as will best prepare him for success and usefulness in any pursuit or profession in life.

Departments of Instruction.

There are six of these already in operation.

1. Preparatory, designed to meet the wants of those who are too young, or who are not sufficiently advanced to enter the other Departments.

2. Literary, in extent and exactness corresponding to that of our best American Colleges.

3. Scientific, which affords a general preparation for those pursuits that require extensive acquaintance with the Sciences.

4. Engineering, civil and military, at present connected with the Scientific Department.

5. Agricultural, embracing the various branches of Agriculture, Horticulture, Rural Economy, and the Mechanic Arts.

6. Military, which is arranged so as not only not to interfere with, but to promote instruction and discipline in other Departments.

Lectureships in Civil and Constitutional Law, and in Physiology, Hygiene and related subjects, have also been established.

An Optional Course is allowed those students whose special tastes or necessities prevent them from graduating in any of the regular Departments.

A Normal Class, for the special advantage of Teachers, is formed every spring. In this the ordinary school studies are carefully reviewed, exactness and readiness in explanation and definition acquired, and instruction in the most approved methods of organizing and conducting schools imparted. There is also a weekly Lecture before the class on some subject connected with teaching.

The Trustees of the "Peabody Educational Fund," through their general agent, Dr. Barnas Sears, have placed at the disposal of the UNIVERSITY, the sum of five hundred dollars, annually to be given to such young men of the Normal Department as need assistance to qualify themselves for higher usefulness as teachers in West Virginia.

Examinations.

Three public examinations, at which all the students are required to be present, are held during the year;—one at the close of each term. These may be conducted by written papers or by oral questions. Reports of the deportment and scholarship of the students are sent to the parents or guardian after each examination in the Preparatory Department, and at the end of the College year in the other Departments.

Calendar.

The annual session of thirty-nine weeks is divided into three terms of thirteen weeks each. An interval of a few days occurs between the Fall and Winter, and between the Winter and Spring terms. Also a recess of about two weeks including the Christmas holidays. It is highly important that students be present at the first recitation of their classes. The exercises begin promptly on the day designated, and any time lost affects the standing of the student, and perhaps embarrasses his whole course.

The annual Commencement Exercises are held on the third Thursday of June. The Fall Term begins on the first Wednesday of September.

1872.	Thursday,	June	13th, Annual Examination begins.
	Sunday,	"	16th, Baccalaureate Sermon by the President.
	Tuesday,	"	18th, Regents' Prize Contest.
	Wednesday,	"	19th, Address before the Literary Societies, by Dr. H. M. Harmon.
	Thursday,	"	20th, Commencement Day. University year 1871-2 ends.
	Tuesday,	Sept'r	3d, Examination of Candidates for Admission.
	Wednesday,	"	4th, Regular work of University year 1872-3 begins.
	Friday,	Nov'r	29th, Fall Term ends.
	Wednesday,	Dec'r	4th, Winter Term begins.
	Thursday,	"	19th, Christmas Recess begins.
1873.	Monday,	Jan'y	6th, Winter Term resumed.
	Wednesday,	March	19th, Winter Term ends.
	Monday,	"	24th, Spring Term begins.
	Thursday,	June	19th, Spring Term ends.

Expenses.

Preparatory Department,.....$5.00 per Term of 13 weeks.

Other Departments,..... 8.00 " " " "

Students in the Preparatory Department pay one dollar; in the other Departments two dollars per term contingent fee.

Two Cadets may be appointed by each Regent, free of charge for tuition, books, and stationery. Boarding varies from $3.00 to $4.00 per week.

Regents' Prizes.

I. To the Student who shall write the best essay upon a given subject, $25. To the Student who shall be adjudged the best Declaimer, $15. These prizes to be awarded after public competition, by a committee of citizens appointed by the Faculty.

Brown Prizes.

II. The annual sum of one hundred dollars has been placed in the President's hands by Gen. G. W. Brown, of Grafton, for the encouragement of the Literary Societies, to be awarded for superiority in Essay, Oration, Declamation and Debate.

Prizes Awarded.

1869.

Regents'.....	D. B. Purinton,	for general deportment,.....	$25.00
	B. W. Smith,	" " "	15.00
	M. H. Dent,	" Essay,.....	25.00
	W. D. Carlile,	" Declamation,.....	15.00

1870.

Brown.....	T. G. Edmiston,	for Declamation,.....	$10.00
	W. L. Ledwith,	" Essay,.....	20.00
	A. E. McLane,	" Oration,.....	30.00
	M. L. Temple,	" Debate,.....	40.00

1870.

Regents'.....	B. W. Smith,	for deportment, ...	$25.00
	R. M. Strickler,	" "	15.00
	A. E. McLane and W. L. Ledwith,	for Essay,.....	25.00
	A. F. Lazier,	for Declamation,.....	15.00

1871.

Brown.....	J. S. Willetts,	for Declamation,.....	$10.00
	D. W. Border,	" Essay,.....	20.00
	J. C. White,	" Oration,.....	30.00
	D. B. Purinton,	" Debate,.....	40.00

1871.

Regents'.....	Willey O. Ison,	for Declamation,.....	$15.00
	Benj. W. Smith,	" Essay,.....	25.00

1872.

Brown.....	Harry McLure,	for Declamation,.....	$10.00
	J. T. Waters,	" Essay,.....	20.00
	W. T. Prichard,	" Oration,.....	30.00
	J. S. Willetts,	" Debate,.....	40.00

Discipline.

The rules of the University require that every Student shall be in his place at all stated exercises from the opening to the close of his connection with the University. A record is kept in which are entered the grade of Scholarship of each Student, his absence from the exercises of the Institution, his tardiness, or failure in recitation, unless satisfactorily accounted for. An abstract of this record is sent at the close of each Term, and year, to parents or guardians, so that they may see what, and how their wards are studying, and how they stand in scholarship and deportment. In case of negligence, irregularity, or other misconduct, the Student will be privately admonished and the parent or guardian will be informed of the fact. Mere inattention to study will, if persisted in, insure dismission from the University. No Student is allowed to leave the town during Term time without special permission.

Students from abroad, under fifteen years, should have their money sent to, and their bills settled by, Prof. S. G. Stevens, Registrar of the University.

Religious Instruction and Worship.

The exercises of each day are opened with reading the Scriptures and prayer, at which all the Students are required to be present. They are also required to attend regularly some place of religious worship on the Sabbath, and on all occasions to treat the institutions of religion with respect.

Library.

A respectable beginning towards a University Library has already been made. Over two thousand volumes have been carefully selected and placed on its shelves, including not only many choice and valuable books of reference, but also standard works in the various departments of History, Biography, Theology, Agriculture, Art, Science and General Literature.

We respectfully request the friends of Education to make contributions to its shelves. Very valuable donations have been received during the past year, chief among which is a full sett of "*The Transactions of the New York State Agricultural Society,*" from 1860 to 1869, inclusive, through Hon. T. L. Harison.

Copies of the *Daily Wheeling Intelligencer* and *Tri-Weekly Wheeling Register*, and of nearly all the weekly journals in the State, as well as several from other States, have been cheerfully donated to the Reading Room of the University. We trust these are but the beginnings of larger gifts.

Museum, Apparatus, &c.

The University is in possession of apparatus requisite for thorough illustration of Chemistry and Physics.

Several valuable articles of apparatus have been obtained for the department of Astronomy and Physics, including a Smithsonian Barometer, by Greene, of New York; a Sextant, by Crichton, of London, and a Clock, with

Zinc Compensation, by E. Howard & Co., of Boston. A 7 ft. Telescope is in process of construction by John Byrne, of New York, and is to be completed by the 1st of May, in season for the use of the class of 1872. It will be equatorially mounted with right ascension and declination circles, and is guaranteed as a first class instrument in every respect.

The Museum contains extensive Mineralogical, Geological and Conchological cabinets, together with many specimens in other departments of Natural History. We request all who are interested in such matters to send suitable specimens for the Museum, especially Indian relics, shells, minerals, fossils, and alcoholic specimens of animals. Such donations will be acknowledged and carefully labeled with the name of the donor. There are already over 2000 specimens of minerals and fossils, and more than 2,300 of recent shells.

The vicinity of the University offers unrivalled advantages for the study of practical Geology. Especial attention will be paid to this branch.

The laboratory of Practical Chemistry is in operation. The instruction for the present is devoted chiefly to analysis, with its application to agriculture.

Donations have been received during the year, as follows.

Minerals.—John Gebbard, jr.; Rev'd W. L. Hindman; L. S. Hough; J. T. Harris; G. P. Linch; and Dr. F. H. Youst.

Shells.—M. H. Dent; Mrs. Dr. Parks; Smithsonian Institute.

Nests and Eggs.—D. W. Border; A. H. Troxell; R. H. Dolliver; M. Jackson.

Coins.—Duryee Beekman; J. A. Dille; F. S. Lyon; W. I. Protzman; D. H. Stine; Clarissa Evans; R. P. Armstrong.

Indian Relics.—R. P. McCrum; G. K. Osgood; Dr. F. H. Youst.

Ores for Laboratory.—G. P. Linch.

Grahamite.—Dr. Alex. Martin; *fine specimen.*

Calamites Approximatus.—Col. A. S. Vance.

Miscellaneous.—N. N. Hoffman; F. S. Lyon; W. T. Willey; Dr. Joseph A. McLane; Dr. H. N. Mackey.

Special acknowledgements are due to the *Smithsonian Institute* for several hundred species of shells, and many specimens of rocks, minerals, &c.

Also to the *United States Patent Office* for nine boxes containing about one thousand Models for illustration in Agriculture and the Mechanic Arts, in Mining, Engineering, Naval and Military affairs, &c.

Also to the *Agricultural Department* for seeds, &c.

Military Science and Tactics.

The National endowment of the University requires provision to be made for instruction in Military Tactics The Board of Regents has provided the facilities for carrying out these obligations. Experience has demonstrated the wisdom of the plan.

The Course of Instruction embraces Infantry, Cavalry, and Artillery Tactics; the use of the Bayonet and Sabre; Ordnance and Gunnery; Military Engineering, and the Science of War.

Attendance upon the exercises is made obligatory upon Cadets, and the regular University classes, unless exempted therefrom, by the Faculty, for adequate cause.

A full uniform has been adopted for the Cadets, to be made after the University pattern, harmonizing as far as may be, the elements of neatness, economy and utility.

The exercises occupy one hour daily, on the afternoon of Monday, Tuesday, Wednesday and Thursday of each week, at times not to conflict with regular recitations.

Instruction is given in the form of class lectures on the subject of Science of Gunnery, Military Engineering, and the Art of War.

During the past year, the United States Government generously furnished $5,000,00 worth of Ordnance and Ordnance Stores, for the special benefit of this Department. The Arms and Equipments are of the most improved, modern construction.

Literary Societies.

There are two of these in connection with the University, furnished with suitable halls, and whose exercises in Composition, Reading, Orations, Debate and Criticism are, in many respects, of great advantage to the student. They also afford facilities for the study of, and acquaintance with Parliamentary forms, and the acquisition of business habits. The authorities of the University will afford every facility for increasing the accommodations and usefulness of these valuable auxiliaries.

Location.

Morgantown, the seat of the University, is beautifully located on the right bank of the Monongahela river, Monongalia County, West Virginia. The scenery around is exceedingly attractive and picturesque. The place has long been famous for its social, intellectual and moral culture, and general healthfulness. Coaches leave every morning to and from Fairmont, on the Baltimore and Ohio Railroad. There is also a daily conveyance between Morgantown and Uniontown, Pa. Steamboats from Pittsburgh arrive every day at Geneva, twelve miles below Morgantown, and at Morgantown twice each week. A place more eligible for the quiet and successful pursuit of Science and Literature is nowhere to be found.

The New University Building,

Now completed, is a model of architectural beauty and convenient arrangement, greatly increasing the facilities for carrying out the noble designs for which the University was established.

CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

West Virginia University,

FOR THE YEAR

1872-73.

MORGANTOWN:
MORGAN & HOFFMAN, BOOK AND JOB-PRINTERS.
1873.

Board of Regents.

No. of District.	Name of Regent.	P. O. Address.
1.	T. H. LOGAN, PRESIDENT,	*Wheeling.*
2.	JAMES MORROW,	*Fairmont.*
3.	GEORGE M. HAGANS,	*Morgantown.*
4.	SAMUEL BILLINGSLEY,	*Middlebourne.*
5.	D. H. LEONARD,	*Elizabeth.*
6.	J. LOOMIS GOULD,	*Buckhannon.*
7.	W. W. HARPER,	*Point Pleasant.*
8.	ISAIAH BEE,	*Princeton,*
9.	ALEX. F. MATHEWS,	*Lewisburg.*
10.	JAMES CARSKADON,	*New Creek.*
11.	GEO. M. BELTZHOOVER,	*Shepherdstown.*

GEORGE M. HAGANS,
JOHN A. DILLE,
GEORGE C. STURGISS,
ALEX. MARTIN,
L. S. HOUGH,
} EXECUTIVE COMMITTEE.

A. W. LORENTZ, *Treasurer.*
G. C. STURGISS, *Secretary.*

Compliments of

Alexander Martin.

Faculty and Teachers.

REV. ALEX. MARTIN, D. D., PRESIDENT,
And Professor of Mental and Moral Science.

S. G. STEVENS, A. M., VICE PRESIDENT,
And Professor of Astronomy and Physics.

H. H. PIERCE, BVT. CAPT. U. S. A., Librarian.
Professor of Mathematics and Military Science.

F. W. WOOD, A. M., PH. D.,
Professor of Modern Languages and Literature.

*REV. J. B. SOLOMON, A. B.,
Professor of English Literature, and Principal of Preparatory Department.

REV. JOHN W. SCOTT, D. D., LL. D.,
Professor of Ancient Languages and Literature.

GEO. N. GLOVER, A. M., *Secretary*,
Professor of History, Political Economy, and Belles Lettres.

WILLIAM M. FONTAINE, A. M.,
Professor of Agriculture, Chemistry, and Natural History.

F. S. LYON, A. M.,
Acting Professor of English Literature, and Principal of Preparatory Department.

BENJAMIN W. SMITH,
Tutor in the Preparatory Department.

GEORGE M. HAGANS, ESQ.,
Superintendent of Grounds and Buildings.

HUGH W. BROCK, M. D.,
Lecturer on Physiology and Hygiene.

HON. JOHN A. DILLE,
Lecturer on Civil and Constitutional Law.

SERG'T. THOS. L. WATSON, Meteorological Observer,
And Instructor in Signalizing and Telegraphy.

*To March 24th, 1873.

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STUDENTS.

Seniors.

BABB, CHARLES MONTGOMERY	Lit	*Locust Grove, Grant County.*
BORDER, DANIEL WEBSTER	Lit	*Shepherdstown, Jefferson Co.*
BOUGHNER, WILLIAM LE ROY	Sci	*Morgantown.*
BROWN, JAMES FREDERIC	Lit	*Charleston, Kanawha County.*
BULLOCK, EDMUND TANNER	Lit	*Parkersburg, Wood County.*
HARRIS, JOHN THOMAS	Sci	*Harrisville, Ritchie County.*
LINCH, GEORGE PRESTON	Sci	*Wheeling, Ohio County.*
MCCLURE, TAYLOR BASCOM	Sci	*Louisa, Lawrence County, Ky.*
PRICE, THOMAS HORNER	Sci	*Mooresville, Monongalia Co.*
PRICHARD, WILLIAM TAYLOR	Sci	*Mannington, Marion Co.*
PURINTON, DANIEL BOARDMAN	Lit	*Morgantown.*
TEMPLE, MARCELLUS LUTHER	Lit	*Wadestown, Monongalia Co.*
WATERS, JAMES TALMAN	Lit	*New York City.*

Juniors.

DEAN, JOHN SHREVE WILLIAM	Lit	*Buckhannon, Upshur County.*
HOWELL, WILLIAM MOSES	Lit	*Morgantown.*
JACOBS, THOMAS PERRY	Lit	"
LYNCH, CHARLES WESLEY	Lit	*Brown's Creek, Harrison Co.*
*MORAN, ELLSWORTH ELZA	Lit	*Forksburg, Marion Co.*
WOODS, FRANK	Lit	*Philippi, Barbour Co.*

Sophomores.

ADAMS, SAMUEL SHUGERT	Lit	*Washington City, D. C.*
ALLEN, GUY RICHARD CHAMPLINE	Lit	*Morgantown.*
†ARNETT, WILLIAM JEROME	Lit	*Arnettsville, Monongalia Co.*
DOLIVER, ROBERT H.	Lit	*Morgantown.*
DOLIVER, JONATHAN PRENTISS	Lit	"
MARTIN, JAMES VIRGINIUS	Lit	"
MCCLEAVE, JOHNS	Lit	*Cumberland, Md.*
MCCRUM, LLOYD	Sci	*German Settlement, Preston Co.*
PETERSON, JAMES JACKSON	Lit	*Weston, Lewis Co.*
PURINTON, AARON LYON	Lit	*Morgantown.*
WILLETTS, JOHN SAMUEL	Lit	*Wheeling, Ohio Co.*

Lit.—Literary Course. Sci.—Scientific Course. *Conditioned. † Deceased.

Freshmen.

BABB, MILTON EDWARD	Opt	*Luney's Creek, Grant County.*
BOWERS, WILLIAM MELANCTHON	Sci	*Summit Point, Jefferson Co.*
BOYERS, JAMES S.	Opt	*Randall, Monongalia Co.*
CARSKADON, JAMES THORNTON	Sci	*Headsville, Mineral Co.*
CORE, MOSES LEVEN	Lit	*Cassville, Monongalia Co.*
CORPENNING, EDWARD McC.	Opt	*Bridgeport, Harrison Co.*
DAWSON, R. WILLIAM	Opt	*Beallsville, Wash'ton Co., Pa.*
DILS, GEORGE	Opt	*Parkersburg.*
ESKEY, LEONARD	Sci	*Sherrard, Marshall Co.*
*FRASHER, LUKE H.	Lit	*Tippecanoe, Fayette Co., Pa.*
*HAMILL, HENRY PHELPS	Sci	*Oakland, Md.*
HARTLEY, LUTHER	Opt	*Masontown, Preston Co.*
HAITMAN, ENDRESS BOUCK	Opt	*Clarksburg, Harrison Co.*
HICKMAN, JEREMIAH W.	Opt	*Pursley, Tyler Co.*
HUBBARD, HARRY DANA	Opt	*Wheeling.*
ISON, WILLEY OWENS	Lit	*Parkersburg.*
KEMP, HOWARD MASON	Opt	*Bloomington, Md.*
KNIGHT, GEORGE COSTER	Opt	*Moundsville, Marshall Co.*
LAIDLEY, GEORGE SUMMERS	Sci	*Charleston, Kanawha Co.*
*LONG, ISAAC McCARTY	Sci	*New Creek, Mineral Co.*
MOORE, CHARLES ANDREW	Opt	*Morgantown.*
MORGAN, BENJAMIN STEPHEN	Lit	*Laurel Point, Monongalia Co.*
*NASH, JAMES HENRY	Sci	*Buffalo, Putnam Co.*
OGDEN, JAY FRANKLIN	Opt	*Shinnston, Harrison Co.*
*PARSHALL, ISAAC HAMILTON	Lit	*McClellandtown, Pa.*
PAYNE, JED GOFF	Lit	*Bridgeport, Harrison Co.*
PAYNE, WALDO W.	Lit	" " "
*ROGERS, DANIEL	Lit	*Morgantown.*
SWANN, FERDINAND R.	Lit	*Honey Grove, Texas.*
WETZEL, DANIEL ELLIOTT	Opt	*Burning Spring, Wirt Co.*
WILEY, RANKIN JR.	Opt	*Hartford City, Mason Co.*
*WILSON, EDGAR WOOD	Lit	*Morgantown.*

Lit.—Literary Course. Sci.—Scientific Course. Opt.—Optional Course. *Conditioned.

Preparatory Department.

FIRST YEAR.

Bowman, Thomas W. ..... *Valley Furnace, Barbour Co.*
Brooke, William H. ..... *Oakland, Md.*
Burdett, John S. Jr. ..... *Charleston, Kanawha Co.*
Clay, Burwell W. ..... *Jarrett's Ford, " "*
Coleman, Theodore V. ..... *Morgantown.*
Coogle, William ..... *Arnettsville, Monongalia Co.*
Courtney, Melville C. ..... *Randall, " "*
Crisswell, Everett H. ..... *Moundsville, Marshall Co.*
Crisswell, Newton C. ..... " " "
Davis, John M. ..... *Maidsville, Monongalia Co.*
Dering, Henry S. ..... *Morgantown.*
Douglass, Elijah ..... *Ripley Landing, Jackson Co.*
Enlow, James A. ..... *Oakland, Md.*
Fitch, Dorsey P. ..... *Morgantown.*
Hagans, William Lucian ..... "
Harris, Perry B. ..... *Moundsville, Marshall Co.*
Hawthorne, Richard R. ..... *Newport, Ky.*
Hinkle, Job W. ..... *Buckhannon, Upshur Co.*
Hoffman, William K. ..... *Morgantown.*
John, George M. ..... "
Kester, Thomas. ..... *St. Mary's, Pleasants Co.*
Kincaid, George W. ..... *Morgantown.*
Klieves, Frank A. ..... *Wheeling.*
List, William B. ..... "
Martin, William J. ..... *Buckhannon Upshur County.*
Mercer, James E. ..... *Ray's Flats, Marion "*
Morgan, Marcus ..... *Charleston, Kanawha "*
Murphey, Jonathan C. ..... *Maidsville, Monongalia Co.*
Parsons, Mark D. M. ..... *Ripley, Jackson Co.*
Paugh, Isaiah C. ..... *Oakland, Md.*
Pifer, Felix C. ..... *Buckhannon, Upshur Co.*
Pinnell, Charles S. C. ..... " " "

Protzman, Lowell M. ..... *Morgantown.*
Ravenscraft, Walter S. ..... *Frostburg, Md.*
Ruttencutter, Green..... *St. Mary's, Pleasants County.*
Shaw, Z. ..... *Barton, Md.*
Shields, William H. ..... *Charleston, Kanawha County.*
Slack, Edward B. ..... " " "
Somerville, Robert L. ..... *Barton, Md.*
Tabler, George W. M. ..... *Martinsburg, Berkeley Co.*
Tillson, Clarence H. ..... *Deer Park, Garrett Co., Md.*
Vandervort, Virgil..... *Easton, Monongalia Co.*
Wade, Clarke C. ..... *Morgantown.*
Warden, William..... *Granville, Monongalia Co.*
Warden, Alfred R. ..... " " "
Weltner, Charles W. ..... *Gray's Landing, Greene Co., Pa.*
Wetzel, John F. P. ..... *Burning Springs, Wirt Co.*
Wilson, Andrew Jr. ..... *Wheeling.*

Preparatory Department.

SECOND YEAR.

Arnett, James E. ..... *Arnettsville, Monongalia Co.*
Brown, William G. Jr. ..... *Kingwood, Preston* "
Chadwick, David E. ..... *Morgantown.*
Courtney, Alpheus F. ..... *Randall, Monongalia Co.*
Cox, Arthur..... *Rivesville, Marion* "
Cox, James A. ..... *Arnettsville, Monongalia Co.*
Dille, Clarence B. ..... *Morgantown.*
Downs, Ashbel F..... *New Geneva, Fayette Co., Pa.*
Fleming, Julian E. ..... *Morgantown.*
Harrison, Samuel R. ..... *Clarksburg, Harrison County.*
Hood, Thomas M. ..... *Arnettsville, Monongalia* "
Howell, Fleming..... *Morgantown.*
Jacobs, William L. ..... "
Keck, Julius M. ..... "
Koontz, Albert..... *Easton, Monongalia Co.*
Long, Daniel M. L. ..... *Mt. Morris, Greene Co., Pa.*

Martin, John Errian.....*Morgantown.*
Martin, Charles Alexander.....“
Prickitt, Nathaniel C.....*Ravenswood, Jackson Co.*
Pritchard, Alpheus W.....*Clarksburg, Harrison* “
Pritchard, R. Carr.....“ “ “
Purinton, George D.....*Morgantown.*
Ramage, Thomas C.....*West Milford, Harrison Co.*
Rich, Daniel.....*Laurel Point, Monongalia Co.*
Rose, John.....*Lucasville, Scioto Co., Ohio.*
Simpson, John.....*Parkersburg.*
Smith, Everett C.....*Spencer, Roane Co.*
Steele, John Lorentz.....*Grafton, Taylor* “
Stewart, Odus S.....*Arnettsville, Monongalia Co.*
Temple, Harry V.....*Wadestown,* “ “
Vandervort, James W.....*Chicago, Illinois.*
Warman, Lindsay.....*Laurel Iron Works, Monong. Co.*
Wirgman, Henry T.....*Romney, Hampshire Co.*
Woods, J. Hopkins.....*Philippi, Barbour Co.*

Normal Class.

Border, Daniel W.
Bowers, William M.
Boyers, James S.
Brown, James F.
Bullock, Edmund T.
Coleman, Theodore V.
Courtney, Alpheus F.
Courtney, Melville C.
Davis, John M.
Enlow, James
Eskey, Leonard
Hickman, Jeremiah W.
Ison, Willey O.
Laidley, George S.
Long, Daniel M. L.
McClure, Taylor B.
Mercer, James E.
Murphey, Jonathan C.
Nash, James H.
Ogden, Jay F.
Paugh, Isaiah C.
Pifer, Felix C.
Prickett, Nathaniel C.
Pritchard, R. Carr
Protzman, Lowell M.
Rich, Daniel
Smith, Everett C.
Stewart, Odus S.
Tabler, George W. M.
Vandervort, James W.
Warman, Lindsay
Waters, James T.

This Class is conducted strictly as a *Teachers' Class.* It is under the immediate direction and instruction of the Professor of English Literature, assisted by the other Professors, who deliver weekly lectures before the Class on some subject especially related to the Teacher's profession.

Military Department.

Bvt. Captain H. H. PIERCE, U. S. Army,

COMMANDANT.

STAFF.

Cadet JAMES F. BROWN, First Lieutenant and Adjutant,

" MARCELLUS L. TEMPLE, First Lieut. and Ord. Officer.

COMMISSIONED OFFICERS.

Cadet CHARLES M. BABB, Captain.

" JAMES T. WATERS, First Lieutenant.

" WM. M. HOWELL, Second Lieutenant.

" DANIEL W. BORDER, Bvt. Second Lieut.

STATE CADETS.

Cadet JOHN S. W. DEAN, First Sergeant.
" JAMES J. PETERSON, Second Sergeant.

District.	Name.	When confirmed.
I.	James J. Peterson,	Oct. 20th, 1870.
	John S. Willetts,	Dec. 6th, 1870.
II.	E. E. Moran,	Nov. 30th, 1869.
	Thos. M. Hood,	Dec. 13th, 1872.
III.	Marcellus L. Temple,	Feb. 4th, 1870.
	.....	.....
IV.	John S. W. Dean,	Jan. 8th, 1870.
	Jeremiah W. Hickman,	Dec. 13th, 1872.
V.	Willey O. Ison,	Oct. 20th, 1870.
	Leonard Eskey,	Nov. 13th, 1871.
VI.	Charles W. Lynch,	Jan. 6th, 1871.
	Felix C. Pifer,	Dec. 13th, 1872.
VII.	James F. Brown,	Jan. 27th, 1871.
	James H. Nash,	Oct. 16th, 1871.
VIII.	James T. Waters,	Oct. 9th, 1871.
	.....	.....
IX.	William M. Howell,	Feb. 16th, 1870.
	George W. M. Tabler,	Dec. 13th, 1872.
X.	Charles M. Babb,	June 9th, 1869.
	James T. Carskadon,	Oct. 20th, 1870.
XI.	Daniel W. Border,	Sept. 6th, 1872.
	William M. Bowers,	Dec. 13th, 1872.

*DISTINGUISHED CADETS—1872.

John H. Drabell,	Literary.	Military.
Benjamin W. Smith,	do.	.....
Marcellus L. Temple,	do.	.....
Israel C. White,	do.	Military.
Charles M. Babb,	do.	do.
William M. Howell,	do.	do.
Charles W. Lynch,	do.	do.
James T. Waters,	do.	do.
James F. Brown,	do.	.....
John S. Willetts,	do.	Military.
John S. W. Dean,	do.	do.
James T. Carskadon,	.....	do.
Willey O. Ison,	Literary.	do.
James H. Nash,	do.	do.
Leonard Eskey,	do.	do.
James J. Peterson,	do.	do.

*In accordance with the Rules and Regulations established for the government of the Corps, the above Cadets were reported as distinguished in the departments opposite their names.

Volunteer Labor Corps.

FERDINAND R. SWANN, Captain.

Bowers, William M.
Brown, William G.
Burdett, John S.
Carskadon, James T.
Courtney, Alpheus F.
Cox, James A.
Criswell, Everett H.
Doliver, Jonathan P.
Douglass, Elijah
Downs, Ashbel F.
Eskey, Leonard
Hood, Thomas M.
Ison, Willey O.
Kemp, Howard M.
Klieves, Frank A.
Laidley, George S.
Martin, Charles A.
Payne, Jed G.
Payne, Waldo W.
Paugh, Isaiah C.
Prickitt, Nathaniel C.
Pritchard, R. Carr
Ravenscraft, Walter S.
Shields, William H.
Slack, Edward B.
Smith, Everett C.
Vandervort, James W.
Weltner, Charles W.
Wiley, Rankin Jr.

Several of our young men have found it pleasant and healthful to spend an hour or two per day, at a remunerative price, in improving and ornamenting the grounds, under the direction of the Superintendent. The corps also forms the nucleus of a class in practical and scientific farming and related studies.

Recapitulation.

Seniors,	13
Juniors,	6
Sophomores,	11
Freshmen,	32
Normal Students,	32
First Preparatory Students,	48
Second " "	34
Total,	144

Courses of Instruction.

The instruction thus far provided for in the University, is principally embraced in five departments, or courses of study, viz: Literary Department, Scientific Department, Agricultural Department, Military Department; and for those desiring to qualify themselves for regular admission to any of the former, a Preparatory Department.

LITERARY DEPARTMENT.

This Department, leading to the Degree of Artium Baccalaureus, embraces studies in nine schools, as follows:

I. School of Philosophy.

PRESIDENT MARTIN.

In this School the instruction is given partly by the use of text books, and partly by lectures. The Literary Course includes six terms in this School.

JUNIOR YEAR.

FALL TERM.—*Mental Philosophy*—The Instincts and The Intellect.

WINTER TERM.—*Mental Philosophy*—The Sensibilities and the Will.

SENIOR YEAR.

FALL TERM.—*Moral Philosophy.*

WINTER TERM.—*Political Philosophy*—International Law—Woolsey.

SPRING TERM.—*Sacred Philosophy*—Butler's Analogy.

" " " " Natural Theology and Ev. Christianity.

II. School of Astronomy and Physics.

PROFESSOR STEVENS.

This School furnishes studies in the Literary Course, extending through five terms.

JUNIOR YEAR.

FALL TERM.—*Physics*—General Principles—Solids and Fluids.

WINTER TERM.—*Physics*—Pneumatics; Acoustics; Optics.

SPRING TERM.—Heat; Correlation of Forces; Electricity.

SENIOR YEAR.

WINTER TERM.—*Astronomy*—Loomis'—XII Chapters.

SPRING TERM.—*Astronomy*—completed.

The various branches of Physics are illustrated by means of suitable apparatus. In these and in Astronomy, the treatment in the text book is supplemented by lectures, whenever it is required, in order to represent fairly the present state of scientific progress.

III. School of Mathematics and Engineering.

PROFESSOR PIERCE.

The studies in the Literary Department of this School extend through six terms.

FRESHMAN YEAR.

FALL TERM.—*Mathematics*—Robinson's New University Algebra.

WINTER TERM.— " Robinson's Geometry, commencing at Book VI.

SPRING TERM.— " Robinson's Spherical Geometry and Trigonometry.

SOPHOMORE YEAR.

FALL TERM.—*Engineering*—Mensuration, Surveying and Navigation.

WINTER TERM.—*Mathematics*—Analytical Geometry.

SPRING " " Analytical Geometry.

JUNIOR YEAR.

FALL TERM.—*Mathematics*—Differential Calculus.

WINTER " " Integral Calculus.

IV. School of Chemistry and Natural History.

PROFESSOR FONTAINE.

SOPHOMORE YEAR.

FALL TERM.—*Inorganic Chemistry*—Eliot and Storer.

WINTER TERM.—*Organic* " " " "

SPRING TERM.—*Botany*—Gray's School and Field Book.

JUNIOR YEAR.

WINTER TERM.—*Zoology*—Nicholson's.

SPRING TERM.—Anatomy and Physiology.

SENIOR YEAR.

FALL TERM.—Geology—Dana.

V. School of Greek Language and Literature.

PROFESSOR SCOTT.

FRESHMAN YEAR.

FALL TERM.—Herodotus—Arnold's Greek Prose Composition.
WINTER TERM.—Homer's Iliad—Arnold (continued); Greek Grammar.
SPRING TERM.—Homer's Iliad; Arnold's Prose Comp. (completed).

SOPHOMORE YEAR.

FALL TERM.—Xenophon's Memorabilia—Exercises in Greek Composition.
SPRING TERM.—Plato—Crito and Apology.

JUNIOR YEAR.

FALL TERM.—Euripides' Alcestis. (Elective).
SPRING TERM.—Demosthenes—On the Crown. (Elective).

SENIOR YEAR.

WINTER TERM.—Sophocles—Œdipus Tyrannus. (Elective).

Instead of the Latin and Greek of the Junior year, the student may elect French, and for those of the Senior year, German; such election being made at the beginning of the year.

VI. School of Latin Language and Literature.

PROFESSOR SCOTT.

FRESHMAN YEAR.

FALL TERM.—Virgil—Bucolics and Georgics; Arnold's Latin Prose Comp.
WINTER TERM.—Horace—Odes and Epodes.
SPRING TERM.—Cicero—De Senectute or De Amicitia.

SOPHOMORE YEAR.

WINTER TERM.—Horace—Satires and Epistles; Exercises in Latin Comp.
SPRING TERM.—Livy—Lincoln's; Exercises in Latin Composition.

JUNIOR YEAR.

WINTER TERM.—Tacitus—Germania and Agricola; Latin Composition continued. (Elective.)

SENIOR YEAR.

FALL TERM.—Cicero—De Officiis; Written Exercises on Historical Subjects. (Elective.)

VII. School of History, Political Economy, and Belles Lettres.

PROFESSOR GLOVER.

FRESHMAN YEAR.

FALL TERM.—Universal History.
SPRING TERM.—Constitution of the United States and of West Virginia.

SOPHOMORE YEAR.

WINTER TERM.—Logic—Coppee's.

JUNIOR YEAR.

SPRING TERM.—Political Economy—Bowen.

SENIOR YEAR.

FALL TERM.—History of Civilization—Guizot.

VIII. School of English Literature.

ACTING PROFESSOR LYON.

Besides Themes, Declamations and Rhetorical Readings throughout the course, this School embraces four terms of instruction by text books.

FRESHMAN YEAR.

WINTER TERM.—English Literature.

SOPHOMORE YEAR.

FALL TERM.—English Philology.
SPRING TERM.—Rhetoric.

SENIOR YEAR.

WINTER TERM.—Literary Criticism—Lord Kames'.

IX. School of Military Science and Tactics.

PROFESSOR PIERCE.

FIRST YEAR.

FIRST TERM.—*Infantry Tactics*—School of the Soldier.
SECOND TERM.—*Infantry Tactics*—School of the Company.
THIRD TERM.—*Infantry Tactics*—Bayonet Exercises.

SECOND YEAR.

FIRST TERM.—*Infantry Tactics*—School of the Battalion.
SECOND TERM.—*Cavalry Tactics*—Sabre Drill.
THIRD TERM.—*Target Practice*—Artillery and Small Arms.

THIRD YEAR.

FIRST TERM.—*Infantry Tactics and Practice.*
SECOND TERM.—*Artillery Tactics.*
THIRD TERM.—*Target Practice*—Heavy and Field Artillery.

FOURTH YEAR.

FIRST TERM.—*Infantry Tactics*—School of the Brigade.
SECOND TERM.—*Ordnance and Gunnery.*
THIRD YEAR.—Advanced Guard and Outpost duty.

Dress Parades, Reviews, Inspections and Guard Mountings are held as often as is deemed expedient throughout the entire course.

SCIENTIFIC DEPARTMENT.

This Department, leading to the degree of Bachelor of Science, embraces studies in eight Schools, as follows:

I. In the School of Philosophy.

PRESIDENT MARTIN.

JUNIOR YEAR.

FALL TERM.—*Mental Philosophy*—The Intellect.

WINTER TERM.—*Mental Philosophy*—The Sensibilities and the Will.

SENIOR YEAR.

FALL TERM.—*Moral Science*—Wayland's.

WINTER TERM.—*Political Philosophy*—International Law—Woolsey.

SPRING TERM.—*Sacred Philosophy*—Butler's Analogy.

" " " " Nat. Theology and Ev. Christianity.

II. School of Astronomy and Physics.

PROFESSOR STEVENS.

SOPHOMORE YEAR.

FIRST TERM.—General Principles of Physics—Solids and Fluids.

SECOND TERM.—Undulations; Acoustics; Optics; Problems.

THIRD TERM.—Heat; Magnetic, Statical and Dynamical Electricity.

JUNIOR YEAR.

FIRST TERM.—Meteorology—Loomis'.

SECOND TERM.—Analytical Mechanics.

THIRD TERM.—Analytical Mechanics. Completed.

SENIOR YEAR.

FIRST TERM.—Physical Geography.

SECOND TERM.—Descriptive and Physical Astronomy.

THIRD TERM.—Practical Astronomy, Calculation and Graphical Construction of Eclipses; Solution of Problems to be verified by the Nautical Almanac.

To pursue successfully the studies of the first year of this School, students must have a fair acquaintance with Algebra, Geometry and Trigonometry, and in addition to these, before commencing Analytical Mechanics, some knowledge of Analytical Geometry and Calculus.

III. In the School of Mathematics and Engineering.

PROFESSOR PIERCE.

FRESHMAN YEAR.

FIRST TERM.—Robinson's University Algebra.

SECOND " Robinson's Geometry, beginning at Book VI.

THIRD " Robinson's Spherical Geometry and Trigonometry.

SOPHOMORE YEAR.

FIRST TERM.—Robinson's Mensuration, Surveying and Navigation.

SECOND " Olney's Analytical Geometry.

THIRD " Analytical Geometry, completed.

JUNIOR YEAR.

FIRST TERM.—Differential Calculus.

SECOND " Integral Calculus.

IV. School of Chemistry and Natural History.

PROFESSOR FONTAINE.

FRESHMAN YEAR.

FALL TERM.—Eliot and Storer's Chemistry. (Inorganic.)

WINTER TERM.—Chemistry. (Organic.)

SPRING TERM.—Gray's School and Field Book of Botany.

SOPHOMORE YEAR.

FALL TERM.—Chemical Analysis.

WINTER TERM.—Agricultural Chemistry—Analysis of Soils, &c.

SPRING TERM.—Manual of Agriculture.

JUNIOR YEAR.

WINTER TERM.—Zoology.

SPRING TERM.—*Human Anatomy and Physiology*—Draper's.

SENIOR YEAR.

FALL TERM.—Lithological, Dynamical and Historical Geology—Dana.

V. School of Modern Languages.

PROFESSOR WOOD.

FRESHMAN YEAR.

FALL TERM.—*French*—Fasquelle's French Course; Oral and Written Exercises.

WINTER TERM.—*French*—Fasquelle, completed.

SPRING TERM.—*French*—Telemachus, or Dumas' Napoleon; Memorizing Sentences and Conversation.

SOPHOMORE YEAR.

FALL TERM.—*French*—Completed.

JUNIOR YEAR.

FALL TERM.—*German*—Comfort's German Course; Oral and Written Exercises.

SPRING TERM.—*German*—Selected Poetry of Gœthe; Heyse's advanced Grammar, and his view of German Literature.

SENIOR YEAR.

WINTER TERM.—German, continued.

SPRING TERM.—German, continued.

VI. School of History, Political Economy and Belles Lettres.

PROFESSOR GLOVER.

FRESHMAN YEAR.

FALL TERM.—Universal History.

SPRING TERM.—Constitution of the United States and West Virginia.

SOPHOMORE YEAR.

WINTER TERM.—Logic. Coppee.

JUNIOR YEAR.

SPRING TERM.—Political Economy. Bowen.

SENIOR YEAR.

FALL TERM.—History of Civilization. Guizot.

VII. School of English Language and Literature.

ACTING PROFESSOR LYON.

FRESHMAN YEAR.

WINTER TERM.—Hart's English Literature.

SOPHOMORE YEAR.

SPRING TERM.—Rhetoric.

SENIOR YEAR.

WINTER TERM.—Elements of Criticism.

VIII. School of Military Science and Tactics.

PROFESSOR PIERCE.

The studies in this School are the same as those in the Literary Department. They are enumerated on page 16.

DEPARTMENT OF ENGINEERING.

The studies in this Department, for the first, second and third years, are the same as in the general Scientific Course. For the Senior year they are in the

School of Philosophy.

PRESIDENT MARTIN.

FALL TERM.—*Moral Science.* Wayland's.

WINTER TERM.—*Political Philosophy*—International Law. Woolsey.

SPRING TERM.—*Sacred Philosophy*—Butler's Analogy.

" " " " Nat. Theology and Ev. Christianity.

School of Astronomy and Physics.

PROFESSOR STEVENS.

FALL TERM.—Comparative Physical Geography.

WINTER TERM.—Descriptive and Physical Astronomy.

SPRING TERM.—Practical Astronomy.

School of Mathematics and Engineering.

PROFESSOR PIERCE.

FALL TERM.—Civil Engineering—Mahan.

WINTER TERM.—Military Engineering—Mahan.

SPRING TERM.—Gillespie on the Location, Construction and Improvement of Roads and Railroads.

School of Chemistry and Natural History.

PROFESSOR FONTAINE.

FALL TERM.—Geology—Lithological, Historical and Dynamical—Dana; Geological Excursions.

School of English Literature.

ACTING PROFESSOR LYON

WINTER TERM.—Elements of Criticism.

AGRICULTURAL DEPARTMENT.

The studies of this Department are, at present embraced in a two years' course, and are pursued in six schools of the University. Students having creditably completed this course, will be entitled to receive a certificate to that effect.

School of Agriculture, Chemistry and Natural History.

PROFESSOR FONTAINE.

FIRST YEAR.

First Term.—Inorganic Chemistry.
Second Term.—Organic Chemistry; Zoology.
Third Term.—Botany and Vegetable Physiology.

SECOND YEAR.

First Term.—Analytical Chemistry; Geology.
Second Term.—Analysis of Soils; Entomology.
Third Term.—Allen's Farm Book.

School of Mathematics and Engineering.

PROFESSOR PIERCE.

FIRST YEAR.

Third Term.—Plane Trigonometry.

SECOND YEAR.

First Term.—Chain and Compass Surveying.
Third Term.—Gillespie on Roads and Road-making.

Students who have not previously studied Algebra will take it in addition to the other studies of the first and second terms of the first year.

School of Astronomy and Physics.

PROFESSOR STEVENS.

FIRST YEAR.

First Term.—Physics of Solids and Fluids.
Third Term.—Heat, Magnetism and Electricity.

SECOND YEAR.

First Term.—Meteorology.
Second Term.—Astronomy.

School of History, Political Economy, and Belles Lettres.

PROFESSOR GLOVER.

FIRST YEAR.

First Term.—General History.
Third Term.—Constitution of the United States and of West Virginia.

SECOND YEAR.

Third Term.—American Political Economy.

School of English Literature.

ACTING PROFESSOR LYON

FIRST YEAR.—*Second Term*....Hart's English Literature.

School of Philosophy.

PRESIDENT MARTIN.

SECOND YEAR.—*Third Term.*—Natural Theology.

The subjects for Lectures during the course, are the following:

FIRST YEAR.

FALL TERM.—The Chemistry, Structure and Physiology of Plants.
On the Water, Atmosphere and Soil as related to Vegetables.
On Tillage, Draining and Manuring.

WINTER TERM.—On Domestic Animals and their Digestion, Respiration, Assimilation and Excretion.
On the Composition, Preparation and Value of different kinds of Food.
On Milk, Butter, Cheese, Flesh and Wool as Agricultural Products.

SPRING TERM.—On Horticultural and Kitchen Gardening.
On the Propagation, Training and Culture of Fruit Trees, the Vine, Small Fruits and Vegetables.

SECOND YEAR.

FALL TERM.—On the staple grain, forage, root and fibre crops of this and adjoining States, and their varieties and the best soils adapted for them.
On the preparation of soil, seeding, cultivating, harvesting and preparing for market.
On the Origin and Natural History of Domestic Animals.
On Entomology and the Insects useful and hurtful to vegetation.

WINTER TERM.—On the raising, care, characteristics and adaptation of different breeds of Domestic Animals.
On Cattle for beef or draught, and Sheep for wool or mutton.
On Horses, Swine and Poultry.
On Pasturing, Soiling and Stall Feeding.
On Tobacco, Hops and Forestry.

SPRING TERM.—On Rural Economy.
On the History of Agriculture, with sketches of the same in ancient and modern times and foreign lands.
On the Adaptation of Farming to soil, climate, market, and other natural and economical conditions.
On the different systems of Husbandry, such as stock, sheep, grain and mixed farming.

Schedule of Daily Recitations.---Fall Term.

	CLASS.	FIRST HOUR.	SECOND HOUR.	THIRD HOUR.	FOURTH HOUR.	FIFTH HOUR.
Lit.	SENIOR,...	Moral Science.	Geology.	Hist. Civilization.	German or Latin.	
	JUNIOR, ...	French, (Elective).	Calculus.	Mental Philoso'y.	Physics.	Greek, (Elective).
	SOPHOMORE,..	Surveying.	Greek.	Chemistry.	English Philology.	
	FRESHMAN,...	Greek.	History.	Latin.	Algebra.	
Sci.	SENIOR,.....	Moral Science.	Geology.	Hist. Civilization.		Physical Geography.
	JUNIOR,.....	Meteorology.	Calculus.	Mental Philoso'y.	German.	
	SOPHOMORE,..	Surveying.	French.		Physics.	Chemical Analysis.
	FRESHMAN,...	French.	History.	Chemistry.	Algebra.	

WINTER TERM.

Lit.	SENIOR,.....	German, (Elective.)	Internat'l Law.	Astronomy.	Elements of Criticism.	Greek, (Elective.)
	JUNIOR,.....	Mental Philosophy.	Physics.	Zoology.	Latin or French.	
	SOPHOMORE,..	Chemistry.	Latin.	Logic.	Analytical Geometry.	
	FRESHMAN,...	Greek.	Geometry.	Latin.		English Literature.
Sci.	SENIOR,.....	German.	Internat'l Law.	Astronomy.	Criticism.	
	JUNIOR,.....	Mental Philosophy.		Zoology.	Analyt. Mechanics.	Calculus.
	SOPHOMORE,..		Physics.	Logic.	Analyt. Geometry.	Chemical Analysis.
	FRESHMAN,...	Chemistry.	Geometry.		French.	English Literature.

SPRING TERM.

Lit.	SENIOR,.....	Natural Theology.	Astronomy.	Butler's Analogy.	German, (Elective.)	
	JUNIOR,.....	French, (Elective.)	Polit. Economy.	Physics.	Anatomy.	Greek, (Elective).
	SOPHOMORE,..		Greek.	Botany.	Latin.	Rhetoric.
	FRESHMAN,...	Greek.	Trigonometry.	Latin.	Constitution.	
Sci.	SENIOR,.....	Natural Theology.	Astronomy.	Butler's Analogy.	German.	
	JUNIOR, ...	Anal. Mechanics.	Polit. Economy.	German.	Anatomy.	
	SOPHOMORE,..	Analytical Geom.	Agriculture.	Physics.		Rhetoric.
	FRESHMAN,...	French.	Trigonometry.	Botany.	Constitution.	

General Review of the

		Literary Department.	Scientific Department.
FRESHMAN CLASS.	FALL TERM.	Algebra—finished. Universal History. Virgil—Bucolics and Georgics. Herodotus.	University Algebra. Universal History. French—commenced. Chemistry—Inorganic.
	WINTER TERM.	Geometry—completed. Manual of English Literature. Horace—Odes and Epodes. Homer—Iliad.	Geometry—completed. Manual of English Literature. French—continued. Chemistry—Organic.
	SPRING TERM.	Trigonometry. Constitution U. S. and W. Va. Cicero—De Senectute. Homer—Odyssey.	Trigonometry. Constitution—U. S. and W. Va. French. [tematic. Botany—Physiological and Sys-
SOPHOMORE CLASS.	FALL TERM.	Mensuration and Surveying. English Philology. Xenophon—Memorabilia. Chemistry—Inorganic.	Physics—Silliman's. Mensuration and Surveying. French. Chemical Analysis.
	WINTER TERM.	Analytical Geometry. Logic. Horace—Satires. Chemistry—Organic.	Physics—Acoustics and Optics. Analytical Geometry. Logic. Chemical Analysis—continued.
	SPRING TERM.	Rhetoric. Livy. Plato—Apology and Crito. Botany—Gray's.	Physics—Heat and Electricity. Analytical Geom.—completed. Rhetoric. Manual of Agriculture.
JUNIOR CLASS.	FALL TERM.	Mental Philosophy. Physics—commenced. Calculus. Euripides—Alcestis.	Mental Philosophy. Meteorology. Differential Calculus. German—commenced.
	WINTER TERM.	Mental Philosophy—completed. Physics—Acoustics and Optics. Tacitus—*Germania* and *Agricola*. Zoology.	Mental Philosophy. Analytical Mechanics. Integral Calculus. Zoology.
	SPRING TERM.	Physics; Heat; Electricity. Political Economy. Demosthenes—De Corona. Anatomy and Physiology.	Analytical Mechanics. Political Economy. German—continued. Human Anatomy.
SENIOR CLASS.	FALL TERM.	Moral Science. History of Civilization. Cicero—*De Officiis*. Geology.	Moral Science. Physical Geography. History of Civilization. Geology—Dana's.
	WINTER TERM.	Elements of Criticism. Astronomy. International Law. Sophocles—Œdipus Tyrannus.	Elements of Criticism. Astronomy—Descrip. and Phys. International Law. German—continued.
	SPRING TERM.	Nat. Theol. and Ev. Christianity. Astronomy. Butler's Analogy.	Natural Theology. Practical Astronomy. Butler's Analogy. German—continued.

Courses of Study.

Military Department.	Agricultural Department.
University Algebra. Universal History. French. School of the Soldier.	Algebra—(Elementary.) History. Chemistry. Physics.
Solid Geometry. English Literature. French. School of the Company.	Algebra. English Literature. Chemistry. Natural History of Animals.
Trigonometry. Constitution—United States. French. Bayonet Exercises.	Trigonometry. Constitution U. S. and W. Va. Physics. Vegetable Physiology.
Physics. Mensuration and Surveying. French. School of the Battalion.	
Physics. Analytical Geometry. Industrial Drawing. Sabre Drill.	
Topographical Surveying. Analytical Geometry. Manual of Signals. Artillery Practice.	
German. Mental Philosophy. Differential Calculus. Infantry Tactics and Practice.	
Mental Philosophy. Analytical Mechanics. Integral Calculus. Artillery Tactics.	
Analytical Mechanics. Political Economy. German. Artillery Practice.	
Moral Science. Physical Geography. History of Civilization. Field Fortifications.	Surveying. Meteorology. Chemical Analysis. Geology.
Astronomy. International Law. Military Law. Ordnance and Gunnery.	Astronomy. Entomology. Chemical Analysis. Lectures.
Natural Theology. Practical Astronomy. Military Telegraphy. Advanced Guard, Outpost, &c.	Natural Theology. Political Economy. Allen's Farm Book. Roads and Road-making.

PREPARATORY DEPARTMENT.

FIRST YEAR.

FALL TERM.—Geography—Guyot's Common School; Map Drawing.
Arithmetic—Stoddard's Complete.
English Grammar—Etymology.
Latin—commenced.

WINTER TERM.—Geography—Guyot continued; Map Drawing.
Arithmetic continued.
Eng. Grammar—Syntax.
Latin—Grammar and Reader.

SPRING TERM.—Arithmetic—Complete.
English Grammar—Analysis of Sentences.
Latin—Grammar and Reader.
Greek—Bullions' First Lessons.

SECOND YEAR.

FALL TERM.—Algebra—Robinson's New University, to Involution.
Book-keeping.
Cæsar—Latin Grammar.
Greek Grammar and Reader.

WINTER TERM.—Algebra—Robinson's, to Quadratics.
History of the United States—Wilson's.
Cicero's Orations—Bullions'; Latin Grammar.
Greek Grammar and Reader.

SPRING TERM.—Geometry—Robinson's First Five Books.
History of the United States, completed.
Virgil—Three Books of Æneid; Latin Grammar.
Xenophon's Anabasis; Greek Grammar.

Regular lessons in Writing, Spelling, Elocution and English Composition from the beginning.

The course preparatory to the Scientific, the Engineering and the Military Departments is the same as the above with the omission of the studies in Greek.

The studies preparatory to the Agricultural Department, are as follows:

FALL TERM.—Algebra; Arithmetic; Grammar; Geography.

WINTER TERM.—Algebra; Arithmetic; Grammar; History U. S.

SPRING TERM.—Geometry; Arithmetic; Grammar; History.

SCHEDULE OF DAILY RECITATIONS.

PREPARATORY DEPARTMENT.

FALL TERM.

ROOM.	FIRST HOUR.	SECOND HOUR.	THIRD HOUR.	FOURTH HOUR.	FIFTH HOUR.
No. 10.....		Greek Reader.	Cæsar.		Eng. Grammar, 2d.
No. 3.....	Geography.			Book-keeping.	
No. 6.....	Algebra.	Latin Lessons.	Latin Lessons.	Arithmetic.	Eng. Grammar, 1st.

WINTER TERM.

No. 10.....		Cicero.	Greek Reader.		
No. 3.....	Geography.	Latin Reader.		History U. S.	
No. 6.....	Algebra.	Latin Reader.	Arithmetic.	Eng. Grammar.	

SPRING TERM.

No. 10.....		Anabasis.	Virgil.		
No. 3.....	History U. S.		Latin Reader.		
No. 6.....	Arithmetic.	Greek Lessons.	Latin Reader.	Eng. Grammar.	Geometry.

General Remarks.

Origin of the University.

THE subject of advanced education has been in various forms before the people of West Virginia for years, but without any liberal provision having been made for the same until quite recently. The Constitution of the State makes it the duty of the Legislature to "*foster and encourage Moral, Intellectual, Scientific and Agricultural Improvement; and to make provision for the organization of such institutions of learning as the best interests of general education may demand.*" The National Congress having donated certain lands "in order to promote the liberal and practical education of the industrial classes in the several pursuits and professions in life," the Legislature accepted the same, and appointed a Board to organize the Institution, with instructions to "*establish Departments of Education in Literature, Science, Art, Agriculture, and Military Tactics—including a Preparatory Department.*"

Endowment and Funds.

The proceeds of the sale of Congressional lands amounted to $80,000. The citizens of Morgantown contributed in grounds, buildings and money, about $50,000. The Legislature, realizing the necessity and immense value of such an institution; its incalculable worth to the youth of the Commonwealth and of the country, has increased the endowment to about $110,000, with annual appropriations for current and contingent expenses. As no part of the Congressional grant can be applied to the erection of buildings, (one tenth only being allowed for the purchase of an experimental farm,) the Legislature has also made provision for the supply and keeping in order of such buildings as the growth of the Institution may, from time to time, demand.

Name and Government..

At the beginning, in common with some other National Schools, it was simply called the "Agricultural College." Having been, however, fully adopted by the State, and the means supplied to aid in its establishment being supplemented by the Legislature, an act was passed, pursuant to the recommendation of the Governor, ordering that it should thereafter be known by the style and designation of "WEST VIRGINIA UNIVERSITY." It is under the immediate oversight of a board of nine Regents, one from each judicial circuit, appointed by the State and required to report to the Legislature. The bitterness of partizan and sectarian disputes is carefully excluded from its Halls, and a broad and manly culture thus secured to all.

Scope.

This is entirely in accord with the original design of the Institution as seen in the first paragraph of these "general remarks." The act of Congress contemplated the founding of Institutions that would furnish not only "*practical*" but also "*liberal* education"—education "in the several *pursuits*," and just as certainly "in the several *professions* of life. The act of the Legislature contemplated a school of general instruction, and directed the Board to organize several distinct Departments, as above enumerated, in the interest of the *people* of the State and the Nation.

We trust that in the extent and in the quality of the work, and the thoroughness of its discipline and culture, as well as adaptation to the demands of the age, the UNIVERSITY will prove itself deserving of no second rate position among the Institutions of our land. It designs by its instruction in Literature and Art—in Language, ancient and modern—in Mathematics, pure and applied—in the Sciences, agricultural, physical, mental, moral and social—by its recitations, lectures, examinations and elevating influences to educate, inform and discipline the student's mind; to strengthen his moral principles, and supply such general and generous as well as special culture as will best prepare him for success and usefulness in any pursuit or profession in life.

Departments of Instruction.

I. LITERARY. This embraces a comprehensive and thorough course of general study in nine schools, and is equal to that of our best American colleges. It aims at the complete and harmonious development of all the pow-

ers of the mind, and provides instruction in all the leading subjects of human thought. The student who successfully accomplishes its CURRICULUM is entitled to the Degree of "Bachelor of Arts." For those who have time, means, and ability, it undoubtedly secures the highest culture which our best Institutions supply to undergraduates.

II. SCIENTIFIC. This is for those whose special tastes or necessities incline them to scientific study. It omits the ancient classics except as much of the Latin as is embraced in the Preparatory department, and includes the French and German Languages. It embraces studies in eight schools and entitles to the Degree of "Bachelor of Science." In our State and country there is special demand for such instruction, and this Department is designed in extent and value to be second to none other of its kind.

III. AGRICULTURAL. Studies relating to the theory and practice of Agriculture constitute an important Department in the University. Young men who desire to study only such branches as will enable the Farmer to pursue his calling with intelligence and profit will here find, at small expense of time or means, all they need in the way of a sound, practical education. They are not required to study any language but their own, nor to go in mathematics farther than land surveying. With a good free school education they will be able to accomplish this course in two years. Those deficient in elementary studies must spend at least one year in Preparatory studies before entering this department.

IV. MILITARY. The law provides that four cadets may be appointed for each Judicial circuit in the State. These are educated free of cost for tuition, books, stationery, &c. For such as desire a military and engineering education this department is provided. Cadets, however, are not limited to this, but may pursue their studies in any Department of the University, subject to the general regulations laid down in the Code for the Cadets. Other students are permitted to drill on condition that they provide themselves with the neat and becoming uniform of the Corps. Drill occupies one hour on each of four days in the week. The United States Government liberally furnishes the special supplies required for this department. These are of the latest and most improved construction.

V. PREPARATORY. But few of our young men in West Virginia have home advantages for properly and fully preparing themselves to enter upon regular College studies. It has proved a large source of supply for the higher

classes, and also the means of maintaining an elevated grade of preliminary scholarship for admission to them. As the other schools of the State increase in number and efficiency, in the same proportion will the necessity of this Department diminish. Meanwhile, and until their fuller development, it cannot be dispensed with without lowering the standard of Collegiate Study proper, or shutting out from the advantages of the Institution many of the best and most promising young men of the State. Nowhere else can young men be better prepared for advanced studies, or, if this is not contemplated, accomplish more thoroughly and advantageously such studies as are here provided.

An Optional Course is allowed those students whose special tastes or necessities prevent them from graduating in any of the regular Departments. Parents and guardians of students who expect to attend the University are, however, earnestly advised to direct their studies with a view to entering one of those Departments. The attention of those who teach in our intermediate schools is also respectfully invited to this suggestion.

A Normal Class, for the special advantage of Teachers, is formed every spring. In this the ordinary school studies are carefully reviewed, exactness and readiness in explanation and definition acquired, and instruction in the most approved methods of organizing and conducting schools imparted. There is also a weekly Lecture before the class on some subject connected with teaching.

The Trustees of the "Peabody Educational Fund," through their general agent, Dr. Barnas Sears, have placed at the disposal of the University, the sum of five hundred dollars, annually to be given to such young men of the Normal Department as need assistance to qualify themselves for higher usefulness as teachers in West Virginia, or any other State entitled to the advantages of the Peabody Fund.

Requisites for Admission.

I. All candidates for admission to any Department of the University, must present satisfactory evidence of good moral character.

II. Students coming from other Colleges must produce certificates of honorable dismision from the same.

III. Those entering as Students for a Degree in any Department of the University, must sustain an examination in the various studies of the Preparatory School of the University, or their equivalent.

IV. Candidates for advanced standing must sustain an examination in the previous studies of the Department which they desire to enter.

V. The regular examination for admission of candidates, who have not pursued the preliminary studies in the Preparatory School of the University, will take place on Friday, [June 20th,] succeeding Commencement, and on Tuesday, [September 2nd,] preceding the opening of the Fall term.

VI. Candidates should procure a copy of the printed laws of the University, also the Treasurer's receipt for tuition, before presenting themselves for enrollment.

VII. Applicants for admission to the Preparatory Department must stand an approved examination before the Faculty or a committee of the Faculty, on spelling, reading, writing, modern geography, elements of English grammar, and arithmetic through common fractions.

Examinations.

I. Each student at the close of the Term shall stand a public written examination upon all the studies which he has pursued during that term. No student shall be excused for non-attendance on such examinations, except upon presentation of a reason which may be considered valid by the Faculty. No student who may be absent, and not thus excused, shall be allowed to continue in connection with the University. If at the close of any term a student shall have failed to attain a standing of 6, owing to a failure in examination, he shall be informed of the fact, and he may be allowed to stand a special examination under the same committee at any time before the beginning of the next College year.

II. The examination of each class shall be conducted by a committee composed of *three* members of the Faculty, who shall, within the three days next preceding the examination, select a series of questions not less than nine nor more than fifteen in number, and submit the same in writing to the class at the time of examination.

III. After the examination the committee shall examine the papers and determine the standing made by each student in examination, which shall be considered the equivalent of one month's standing in recitation.

IV. Before a student shall be entitled to enter a higher class he shall have attained a minimum standing of 6 in each study belonging to his class, which shall be determined by the average of his recitations and examinations.

Calendar.

The annual session of thirty-nine weeks is divided into three terms of thirteen weeks each. An interval of a few days occurs between the Fall and Winter and between the Winter and Spring terms. Also a recess of about two weeks including the Christmas holidays. It is highly important that students be present at the first recitation of their classes. The exercises begin promptly on the day designated, and any time lost affects the standing of the student, and perhaps embarrasses his whole course.

Tee annual Commencement Exercises are held on the third Thursday of June. The Fall Term begins on the first Wednesday of September.

1873.	June 12th, Thursday,	9 A. M.	Annual Examination begins.
	" 13th, Friday,	7½ P. M.	Anniversary of Parthenon Society.
	" 14th, Saturday,	7½ P. M.	Anniversary Y. M. C. Association.
	" 15th, Sunday,	3 P. M.	Baccalaureate Sermon by the President.
	" 16th, Monday,	7½ P. M.	Anniversary of the Columbian Literary Society.
	" 17th, Tuesday,	7½ P. M.	Regents' Prize Contest.
	" 18th, Wednesday,	7½ P. M.	Address before the Lit'ry Societies.
	" 19th, Thursday,	9 A. M.	COMMENCEMENT DAY.
	Sept. 2d, Tuesday,	9 A. M.	Examination of Candidates for Admission.
	" 3d, Wednesday,	9 A. M.	Regular Work of the UNIVERSITY YEAR 1873–74 begins.
	Nov. 25th, Thursday.		Fall Term ends.
	Dec. 3d, Wednesday.		Winter Term begins.
	" 24th, Wednesday.		Christmas Recess begins.
1874.	Jan. 7th, Wednesday.		Winter Term resumed.
	March 12th, Thursday.		Brown Prize Contest.
	" 12th, "		Winter Term ends.
	" 18th, Wednesday.		Spring Term begins.
	April 24th, Friday.		Junior Exhibition.
	June 18th, Thursday.		Spring Term ends. Commencement.

Expenses.

Preparatory Department,.....$5.00 per Term of 13 weeks.
Other Departments,..... 8.00 " " " "

Students in the Preparatory Department pay one dollar; in the other Departments two dollars per term contingent fee.

Four Cadets may be appointed by each Regent, free of charge for tuition, books, and stationery. Boarding varies from $3.00 to $4.00 per week.

Prizes.

I. The Regents' Prizes.—To the Student who shall write the best essay upon a given subject, $25. To the Student who shall be adjudged the best Declaimer, $15. These prizes to be awarded after public competition, by a committee of citizens appointed by the Faculty.

These were awarded at the last contest as follows, viz:

M. L. Temple, Esay,..... $25.00
Harry M'lure, Declamation,..... 15.00

II. The Brown Brizes.—The annual sum of one hundred dollars has been placed in the President's hands by Gen. G. W. Brown, of Grafton, for the encouragement of the Literary Societies, to be awarded for superiority in Essay, Oration, Declamation, and Debate.

These were awarded at the last contest as follows, viz:

Thomas Perry Jacobs, Debate,..... $40.00
John Samuel Willetts, Oration,..... 30.00
Charles Wesley Lynch, William Moses Howell, } Essay,..... 20.00
Ashbel Fairchild Downs, Declamation,..... 10.00

Discipline.

The rules of the University require that every student shall be in his place at all stated exercises from the opening to the close of his connection with the University. A record is kept in which are entered the grade of Scholarship of each Student, his absence from the exercises of the Institution, his tardiness, or failure in recitation, unless satisfactorily accounted for. An abstract of this record is sent at the close of each Term in the Preparatory Department, and at the end of the College year in the other Departments, to parents or guardians, so that they may see what and how their sons and wards are studying, and how they stand in scholarship and deportment. In case of negligence, irregularity, or other misconduct, the Student will be privately admonished and the parent or guardian will be informed of the fact. Mere inattention to study will, if persisted in, insure dismission from the University. No Student is allowed to leave the town during Term time without special permission.

Students from abroad, under fifteen years, should have their money sent to, and their bills settled by, Prof. S. G. Stevens, Registrar of the University.

Religious Instruction and Worship.

The exercises of each day are opened with reading the Scriptures, singing and prayer, at which all the Students are required to be present. They are also required to attend regularly some place of religious worship on the Sabbath, and on all occasions to treat the institutions of religion with respect. The Institution is, and from the beginning has been, free from Sectarian control or domination.

A Young Mens' Christian Association

is maintained by voluntary action of the Students, without interference from, or dictation by, the Faculty, or any member of it. This has been in many ways of great advantage to its members and to the Institution generally.

Library.

A respectable beginning towards a University Library has already been made. About four thousand volumes have been carefully selected and placed on its shelves, including not only many choice and valuable books of reference, but also standard works in the various departments of History, Biography, Theology, Agriculture, Art, Science and General Literature.

We respecfully request the friends of Education to make contributions to its shelves. Very valuable donations have been received during the past year, of which the following are the principal:

Geology of New Jersey, 1 volume; by Prof. Cook, State Geologist.
" of Iowa, 2 vols.; Governor Carpenter.
" of Ohio, 1 vol.; State Geologist.
" of Indiana, 1 vol.; Prof. Cox, State Geologist.
" of Connecticut, 1 vol.; Secretary of State of Connecticut.
Documentary History of Maine, 1 vol.; State Librarian of Maine.
Exploration of Colorado River—Ives—2 vols.; Capt. Pierce.
American Commercial Law, 1 vol.; Capt. Pierce.
Transactions of N. Y. State Agricultural Society, 11 vols.; Gov. of N. Y.
Ohio Agricultural Reports, 7 vols.; Governor of Ohio.
Massachusetts Labor Statistics, 1 vol.; Governor of Massachusetts.
" Agricultural Reports, 6 vols.; Governor of Massachusetts.
" Health Report, 1 vol.; " "
" Report of State Charities, 2 vols.; " "
" " Life, Fire and Marine Ins., 3 vols.; Gov. of Mass.
" " on Railroads, 1 vol.; Gov. of Massachusetts.
" " on Education, 4 vols.; " "
Geology of Maine, 21 vols.; Governor of Maine.

Speeches on Financial Questions, &c., 1 vol.; Industrial Publishers, Phila.
Slave Trade, 1 vol.; " " "
Speeches on the Tariff, &c., 1 vol.; " " "
Protection to Native Industry, 1 vol.; " " "
Questions of the Day, 1 vol.; " " "
Carey's Historical Works, 1 vol.; " " "
Social Science—Carey— 1 vol.; " " "
Unity of Law—Carey— 1 vol.; " " "
Dicks' Works, complete, 5 vols.; John E. Day, Wheeling.
Preliminary Report of Explorations in Nevada—Wheeler—1 vol.; Gen'l Humphreys, U. S. Engineers.
Geological Explorations of 40th Parallel—King—1 vol.; Gen. Humphrey's, U. S. Engineers.
Travels in East Ind. Archipelago, 1 vol.; Rev. W. M. Mullenix.
Census 1870,—Public Documents, &c., 40 vols.; Members of Congress.
Travels in Delmatia, by Alberto Fortis; Hon. Mrs. W. G. Brown.

There have been purchased during the year, fifty volumes of standard works, including a most valuable and complete copy of the Natural History of New York.

Copies of the *Daily Wheeling Intelligencer*, *Daily Charleston Courier*, and *Tri-Weekly Wheeling Register*, and of nearly all the weekly journals in the State, as well as several from other States, have been cheerfully donated to the Reading Room of the University. We trust these are but the beginnings of larger gifts.

Museum, Apparatus, &c.

The University is in possession of apparatus requisite for thorough illustration of Chemistry and Physics.

Several valuable articles of apparatus have been obtained for the department of Astronomy and Physics, including a Smithsonian Barometer, by Greene, of New York; a Sextant, by Crichton, of London, and a Clock, with Zinc Compensation, by E. Howard & Co., of Boston. A 7 ft. Telescope has been constructed by John Byrne, of New York. It is equatorially mounted with right ascension and declination circles, and is a first-class instrument in every respect.

The Museum contains extensive Mineralogical, Geological and Conchological cabinets, together with many specimens in other departments of Natural History. We request all who are interested in such matters to send suitable specimens for the Museum, especially Indian relics, shells, minerals, fossils

and alcoholic specimens of animals. Such donations will be acknowledged and carefully labeled with the name of the donor. There are already over 2000 specimens of minerals and fossils, and more than 2,300 of recent shells.

The vicinity of the University offers unrivalled advantages for the study of practical Geology. Especial attention will be paid to this branch.

The laboratory of Practical Chemistry is in operation. The instruction for the present is devoted chiefly to analysis, with its application to agriculture.

Donations have been received during the year, as follows:

Specimen of *Teredo Navalis*, by Col. T. B. Swann, Charleston, W. Va.

Shark's Tooth, by J. T. Waters, of New York.

Specimens of *Continental Money*, also of *Limestone* and *Stalactites* from Jefferson county, W. Va., by D. W. Border, Frederick City, Md.

Specimens of *Baryta*, by Wm. M. Bowers, Jefferson county, W. Va.

Bear's Tooth, by Elgis Davis.

Specimens of *Stalactites* and *Gypsum*, from Mammoth Cave, by Rev. S. R. Davis, Wheeling.

Specimens of *Manganese* and *Ochre*, by Dr. I. N. Clark.

Specimen of *Iron Concretion* with fluid, by Dr. Dent.

Miocene Coral, by Thomas H. Price, Monongalia county, W. Va.

Fossils, by G. M. Hagans, Morgantown.

Parchment Bonds with Autographs of Governors of Virginia from 1780 to 1815, by Miss C. Evans, Morgantown.

Fossils, from Kanawha, by Miss Sally A. Evans, Charleston.

One *Boomerang*, from Australia; One *Wooden Carved Vessel*; Two *Pieces of Tappa Cloth* from the Feejee Islands; Three *Arrows* from the Solomon Islands; Specimens of *Quartz Crystals* and *Quartz Schist*, by Lieutenant Moore, United States Navy.

Copper Medal, by I. A. Childs.

Ores and *Fossils*, by Cephas Jacobs, Morgantown.

One *Old Document* by F. Heermans, Kingwood, W. Va.

Moose Horns, from Montana, by Dr. Jos. A. McLane, Morgantown.

Elk Horns, from Montana, by J. R. Donehoo, Morgantown.

United States Signal Station.

By direction of General Myer, Chief Signal Officer of the Army, a signal station has been established at the University for the benefit of Commerce, Agriculture, and Science. It is, at present, in charge of Sergeant Thomas R. Watson, S. S. U. S. Army. Students are by this means furnished with special advantages for the study of Meteorology and related subjects. The frequent and carefully recorded observations taken by means of the most improved instruments will furnish accurate and reliable data for, hereafter, estimating

climatic changes in West Virginia. By this means also the newspapers, Boards of Trade, and River men generally, at Pittsburgh, Wheeling and Cincinnati, if they so desire, can be reliably advised of special movements in the river at the head of navigation.

Literary Societies.

There are two of these in connection with the University, furnished with suitable halls, tastefully furnished, and whose exercises in Composition, Reading, Orations, Debate and Criticism are, in many respects, of great advantage to the student. They also afford facilities for the study of, and acquaintance with Parliamentary forms, and the acquisition of business habits. The authorities of the University will afford every facility for increasing the accommodations and usefulness of these valuable auxiliaries.

Location.

Morgantown, the seat of the University, is beautifully located on the right bank of the Monongahela river, Monongalia County, West Virginia. The scenery around is exceedingly attractive and picturesque. The place has long been famous for its social, intellectual, and moral culture, and general healthfulness. Coaches leave every morning to and from Fairmont, on the Baltimore and Ohio Railroad. There is also a daily conveyance between Morgantown and Uniontown, Pa. Steamboats from Pittsburgh arrive every day at Geneva, twelve miles below Morgantown, and at Morgantown twice each week. Congress has made liberal appropriations for the continuance of slackwater navigation in the Monongahela as far as Morgantown. A place more eligible for the quiet and successful pursuit of Science and Literature is nowhere to be found.

University Buildings.

These are models of Architectural beauty, capacity, solidity, and convenient arrangement. The Armory will be ready for occupancy by the end of the College year. The new Hall, for which a liberal appropriation was made at the last session of the Legislature, will be put under contract as soon as possible. Grateful for the past, its friends are encouraged to expect a bright future for the University.

CATALOGUE

OF

WEST VIRGINIA UNIVERSITY.

1873-74.

CHARLESTON :
JOHN W. GENTRY, PRINTER.
1874.

BOARD OF REGENTS.

No. of Circuit.	*Name of Regent.*	*P. O. Address.*
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3	CHAS. J. FAULKNER	*Martinsburg.*
4	H. S. CARR	*Moorefield.*
5	D. D. JOHNSON	*Long Reach.*
6	F. M. CHALFANT	*Weston.*
7	H. S. WALKER	*Charleston*
8	A. F. MATHEWS	*Lewisburg.*
9	ISAIAH BEE	*Princeton.*

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Superintendent of Grounds and Buildings

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Lecturer on Physiology and Hygiene.

Hon. JOHN A. DILLE, A. M.,

Lecturer on Civil and Constitutional Law.

Serg't L. DUNNE, Sig. Serv., U. S. A.

Meteorological Observer and Instructor in Signalizing and Telegraphy.

STUDENTS.

Seniors.

Chadwick, Richard Vincent.....Lit.....*Morgantown.*

Dean, John Shreve William.....Lit.....*Buckhannon, Upshur County.*

Howell, William Moses.....Lit.....*Morgantown.*

Jacobs, Thomas Perry.....Lit..... "

Lynch, Charles Wesley.....Lit.....*Brown's Creek, Harrison Co.*

Moran, Ellsworth Elza.....Lit.....*Forksburg, Marion Co.*

Woods, Frank.....Lit.....*Phillippi, Barbour Co.*

Juniors.

Adams, Samuel Shugert.. .....Lit...*Washington City, D. C.*

Doliver, Robert H..... ..Lit...*Morgantown.*

Doliver, Jonathan Prentiss.....Lit... "

Martin, James Virginius.....Lit... "

McCrum, Lloyd .....Sci...*German Settlement, Preston Co.*

Peterson, James Jackson.....Lit...*Weston, Lewis Co.*

Purinton, Aaron Lyon.....Lit...*Morgantown.*

Sophomores.

Anderson, John C.....Opt...*Easton, Monongalia Co.*

Bowers, William Melancthon.....Sci...*Summit Point, Jefferson Co.*

Carskadon, James Thornton.....Sci...*Headsville, Mineral Co.*

Dawson, R. William.....Opt..*Beallsville, Washington Co., Pa.*

Sophomores—Continued.

Dils, George.....Opt..*Parkersburg.*

*Frasher, Luke H.....Lit...*Tippecanoe, Fayette, Co., Pa.*

Hubbard, Harry Dana.....Opt..*Wheeling.*

*Ison, Willey Owens.....Lit..*Parkersburg, Wood County.*

Kemp, Howard Mason.....Opt..*Bloomington, Md.*

Laidley, George Summers.....Lit...*Charleston, Kanawha Co.*

*Nash, James Henry.....Sci...*Buffalo, Putnam Co.*

Payne, Jed Goff.....Lit..*Bridgeport, Harrison Co.*

Payne, Waldo W.....Lit... " " "

Swann, Ferdinand R.....Opt..*Paris, Texas.*

*Wetzel, Daniel Elliott.....Lit...*Burning Spring, Wirt Co.*

Wiley, Rankin Jr.....Opt..*Hartford City, Mason Co.*

*Wilson, Edgar Wood.....Lit...*Morgantown.*

Willetts, John S.....Lit...*Wheeling.*

Freshmen.

Arnett, James E.....Opt...*Arnettsville, Monongalia Co.*

Boyers, James S.....Opt...*Randall,* " "

Brown, Robert L.....Opt...*Morgantown.*

Brown, William Gay.....Lit... *Kingwood, Preston Co.*

Bullock, Talbot O.....Sci... *Parkersburg,*

Burr, Claudius.....Opt...*French Creek, Upshur Co.*

Cox, James A.....Opt...*Arnettsville, Monongalia Co.*

Crisswell, Everett H.....Opt...*Moundsville.*

Dille, Clarence B.....Lit... *Morgantown.*

Freshmen—Continued.

Eskey, Leonard.....Sci... *Sherrard, Marshall Co.*
Fleming, Julian E.....Lit... *Morgantown.*
Hall, Samuel J.....Opt...*Laurel Point, Monongalia Co.*
Harris, Perry B.....Opt...*Moundsville.*
*Hawthorn, Joseph H.....Lit... *Randall, Monongalia Co.*
Hickman, Jeremiah W.....Opt...*Pursley, Tyler Co.*
Hood, Thomas M.....Lit... *Arnettsville, Monongalia Co.*
*Jacobs, William L.....Lit... *Morgantown.*
Long, Daniel M. L.....Lit... *Mt. Morris, Greene Co., Penn.*
Martin, John Erian.....Sci... *Morgantown.*
Pell, John R.....Lit... *Burning Springs, Wirt Co.*
Pitrat, William A.....Opt...*Buffalo, Putnam Co.*
Ramage, Thomas C.....Opt... *West Milford, Harrison Co.*
Rich, Daniel.....Lit... *Laurel Point, Monongalia Co.*
Rogers, Daniel.....Lit... *Morgantown.*
Slack, Edward B.....Opt...*Charleston, Kanawha Co.*
Steele, John L.....Lit... *Grafton.*
Stewart, James M.....Opt...*Stewartown. Monongalia Co.*
Stewart, James S.....Opt...*McCoy's Station. Jeff. Co., Ohio.*
Vandervort, James W.....Lit... *Chicago, Illinois.*
Wetzel, John F. B.....Opt...*Burning Springs, Wirt Co.*
*Wirgman, Henry T.....Lit... *Romney, Hampshire Co.*
Woods, John Hopkins.....Lit... *Phillippi, Barbour Co.*
Gates, Thornton B.....Opt...*Grafton.*

Lit.—Literary Course. Sci.—Scientific Course. Opt.—Optional Course. *Conditioned.

Preparatory Department.

FACULTY.

REV. ALEX. MARTIN, D. D.,

PRESIDENT.

F. S. LYON, A. M.,

Prof. of Normal Instruction and Principal of Preparatory Dep't.

BENJAMIN W. SMITH, A. B.,

Assistant in Preparatory Department.

D. B. PURINTON, A. B., SEC'Y.

Assistant in Preparatory Department.

STUDENTS.

SECOND YEAR.

Brown, John Craig.....Buffalo, Putnam county.
Chadwick, David.....Morgantown.
Dayton, Alston Gordon.....Phillippi, Barbour county.
Downs, Ashbel F.....New Geneva, Fayette county, Pa.
Eastham, J. Frank.....Point Pleasant, Mason county.
Enlow James A.....Oakland, Maryland.
Fitch, Dorsey P. .....Morgantown.
Glasscock, Jacob L.....Phillippi, Barbour county.
Hagans, William L.....Morgantown.
Klieves, Frank A.....Wheeling.
Marsh, Enoch Jasper.....Morgantown.
Martin, Charles Alexander.....Morgantown.
Ogden, Jay Franklin.....Shinnston, Harrison county.
Park, George Washington.....Ravenswood, Jackson county.
Paugh, Isaiah C.....Oakland, Maryland.
Pifer, Felix C.....Buckhannon, Upshur county.
Purinton, George Dana.....Morgantown.
Ravenscraft, Walter S.....Frostburg, Maryland.
Smith, Everett C.....Spencer, Roane county.
Snively, Harry J.....Grafton.
Tabler, George W M.....Martinsburg.
Wade, Clark C.....Morgantown.
Warden, William.....Granville, Monongalia county.

FIRST YEAR.

Argabrite, John Riley.....Palestine, Greenbrier county.
Baily, Sylvanus W. J.....Weston, Lewis county.
Brooke, William H.....Oakland, Maryland.
Chidester, Marshall Winfield.....Morgan's Glade, Preston county.
Curry, Blackburn Benette..... .....Hamlin Lincoln, county.
Cummings, Stephen.....Raccoon, P. O. Preston county.
Demain, Edmund Rigdon.....Morgantown,
Drabell, Meigs Jackson..... "
Harden, Wm. Hoiston..... ...Wheeling.
Harrison, George Norris.....Williamstown, Wood county.
Hatfield, James Allen..... Ousley's Gap, Cabell county.
Hatfield, Joseph Marion..... " " " "
Haymond, Frank Thompson.....Morgantown.
Holly, Elisha Walter.....Hamlin, Lincoln county.
Holly, James Avis..... " " "
Hunt, John Wesley..... .....Iron Dale, Preston county.
Johnston, Walter McDaniel.....Union, Monroe county.
Keck, Leonidas Virginius.....Morgantown.
Kennedy, Robert Wilson..... .....Grafton.
Lee, James McMillen..... Holliday's Cove, Hancock county.
Marsh, Thomas.....Morgantown.
Masters, John Dice..... ....Franklin, Pendleton county.
McGary, William Bernard.....Weston, Lewis county.
McNutt, Benjamin C.....Gauley Bridge, Fayette county.
McVickar, Emery Alvin .....Morgantown.
Menear, Andrew Allen .....Gladeville, Preston county.
Protzman, Lowell Mason.....Morgantown.

STUDENTS—Continued.

Ramage, Benjamin.....West Milford, Harrison county.
Ramsey, Marion Cole.....Cassville, Monongalia county.
Reed, Charles B.....Wheeling.
Rogers, George.....Morgantown.
Sheets, Ezra Allen.....Morgantown.
Sinsel, Cleon Keyes.....Pruntytown, Taylor county
Sisler, Charles Henry.....Stewartown, Monogalia county.
Smith, George M.....Berkeley Springs, Morgan county.
Smith, George C.....Quincy, Illinois.
Steele, Wilmott L.....Ousley's Gap, Cabell county.
Stevens, Thoburn.....Morgantown.
Tillson, Clarence H.....Deer Park, Maryland.
Vance, Robert A.....Morgantown.
Vandervort, Bruce..... "
Vandervort, Virgil..... "
Wade, Spencer..... "
Wagner, Florence R..... "
Warden, Reger A.....Granville, Monongalia county.
Warman, Lindsay.....Laurel Iron Works, " "
Wells, Nicholas W.....Long Reach, Tyler. "
Williams, William B.....Sycamore Dale, Harrison county.
Yantis, Arnold S.....Harper's Ferry.
Yeager, George G.....Randall, Monongalia county.

Normal Class.

Bailey, Sylvanus W. J.
Chidester, Marshal W.
Curry, Blackburn B.
Dolliver, Robert H.
Dolliver, Janathan P.
Eastham, Joseph F.
Hatfield, Joseph M.
Holley, Elisha W.
Holly, James A.
Hunt, John W.
Klievis, Frank A.
Lee, James McM.
Marsh, Enoch J.
Masters, John D.
McNutt, Benjamin C.
Menear, Andrew A.
Paugh, Isaiah C.
Protzman, Lowell M.
Reed, Charles B.
Simmons, Joseph D.

NORMAL CLASS—Continued.

Sisler Charles H.

Smith, George M.

Steele, Wilmott L

Vandervort, Bruce

Vandervort, Virgil

Williams, William B.

This Class is conducted strictly as a *Teachers* Class. It is under the immediate direction of the Professor of Normal Instruction assisted by other Professors and Teachers.

Military Department.

FACULTY.

REV. ALEX. MARTIN, D. D.,

PRESIDENT.

BVT. CAPTAIN H. H. PIERCE, U. S. Army,

COMMANDANT.

STAFF.

CADET JAMES J. PETERSON, Second Lieutenant and Adjutant.

CADET CHARLES W. LYNCH, First Lieutenant and Ord. Officer.

COMMISSIONED OFFICERS.

CADET WM. M. HOWELL, Captain.

CADET JOHN S. W. DEAN, First Lieutenant.

CADET E. E. MORAN, Second Lieutenant.

ROSTER OF STATE CADETS.

Cadet JAMES T. CARSKADON, First Sergeant.

....., Second "

District.	Name.	Enlisted.
I.	James T. Peterson	Oct. 20, 1870
	James M. Lee	Sept. 20, 1873
	Frank A. Klieves	Oct. 5, 1873
	Charles B. Reed	Oct. 8, 1873
II.	E. E. Moran	Nov. 30, 1869
	Thomas M. Hood	Dec. 30, 1872
	Jay F. Ogden	Sept. 5, 1873
	John L. Steele	Sept. 5, 1873
III.	James W. Vandervort	Nov. 21, 1873
	George W. M. Tabler	Dec. 13, 1872
	George M. Smith	Sept. 20, 1873
	William M. Bowers	Dec. 13, 1872
IV.	James T. Carskadon	Oct. 20, 1870
	George W. Park	Oct. 18, 1873
	John D. Masters	Oct. 18, 1873
	Enoch J Marsh	Oct. 18, 1873
V.	Willey O Ison	Oct. 20, 1870
	Nicholas W. Wells	Jan. 16, 1874
	Harry J. Snively	Jan. 16, 1874
	John S. W. Dean	Jan. 8, 1870
VI.	Alston G. Dayton	Sept. 5, 1873
	Felix C. Pifer	Dec. 13, 1872
	William B. McGary	Sept. 5, 1873
	Charles W. Lynch	Jan. 6, 1871
VII.	James H. Nash	Oct. 16, 1871
	George S. Laidley	Sept. 5, 1873
	Jos. Frank Eastham	Sept. 5, 1873
	Everett C. Smith	Sept. 5, 1873

CADETS—Continued.

VIII.	John R. Argabrite	Sept. 5, 1873
	Walter M. Johnston	Oct. 9, 1873
	William M. Howell	Feb. 16, 1870
	Benjamin C. McNut	Oct. 18, 1873
IX.	Blackburn B. Curry	Sept. 5, 1873
	William L. Steele	Sept. 5, 1873
	.....	.....
	.....	.....

*DISTINGUISHED CADETS—1873.

Charles M. Babb,	Literary.	Military.
Daniel W. Border,	.....	do
Marcellus L. Temple,	Literary.	do
James F. Brown,	do	do
James T. Waters,	do	do
John S. W. Dean,	do	do
Wm. M. Howell,	do	do
E. E. Moran,	.....	Military.
Charles W. Lynch,	Literary.	do
James J. Peterson,	Literary.	do
James T. Carskadon,	.....	do
John S. Willetts,	.....	do
Wm. M. Bowers,	.....	do
Felix C. Pifer,	Literary.	do
Willey O. Ison,	do	do
Geo. W. M. Tabler,	Literary.	do
J. W. Hickman,	.....	do
Leonard Eskey,	.....	do.
Thos. M. Hood,	Literary.	do

*In accordance with Regulations established for the government of the corps, the above Cadets are reported as distinguished in the departments opposite their names, by reason of having attained a yearly average of 9-00 and upwards, on a scale of 10-00.

RECAPITULATION.

Seniors	7
Juniors	7
Sophomores	18
Freshmen	33
Normal Students	24
First Preparatory Students	50
Second Preparatory Students	23
Total	138

COURSES OF INSTRUCTION.

The instruction thus far provided for in the University, is principally embraced in five departments, or courses of study, viz: Literary Department, Scientific Department, Agricultural Department, Military Department; and for those desiring to qualify themselves for regular admission to any of the former, a Preparatory Department.

LITERARY DEPARTMENT.

This Department, leading to the Degree of Artium Baccalaureus, embraces studies in nine schools, as follows:

I. SCHOOL OF PHILOSOPHY AND ENGLISH LITERATURE.

PROFESSOR SCOTT.

In this School the instruction is given partly by the use of text books, and partly by lectures. The Literary Course includes six terms in this School.

FRESHMAN YEAR.

WINTER TERM—English Literature.

JUNIOR YEAR.

FALL TERM—Mental Philosophy: The Intellect.

WINTER TERM—Mental Philosophy: The Sensibilities and the Will.

SENIOR YEAR.

FALL TERM—Moral Philosophy.

WINTER TERM—Political Philosophy: International Law —Woolsey.

SPRING TERM—Sacred Philosophy: Butler's Analogy.
" " " " Natural Theolgy and Ev. Christianity.

II. SCHOOL OF ASTRONOMY AND PHYSICS.

PROFESSOR STEVENS.

This School furnishes studies in the Literary Course, extending through five terms.

JUNIOR YEAR.

FALL TERM—Physics: General Principles—Solids and Fluids.

WINTER TERM—Physics: Pneumatics; Acoustics; Optics.

SPRING TERM—Heat; Correlation of Forces; Electricity.

SENIOR YEAR.

WINTER TERM—Astronomy: Loomis'—XII Chapters.

SPRING TERM—Astronomy: completed.

The various branches of Physics are illustrated by means of suitable apparatus. In these and in Astronomy, the treatment in the text book is supplemented by lectures, whenever it is required, in order to represent fairly the present state of scientific progress.

III. SCHOOL OF MATHEMATICS AND ENGINEERING.

PROFESSOR PIERCE.

The studies in the Literary Department of this School extend through six terms.

FRESHMAN YEAR.

FALL TERM—Mathematics: Olney's—University Algebra.

WINTER TERM—Mathematics: Olney's—Geometry, Solid.

SPRING TERM—Mathematics: Olney's—Spherical Geometry and Trigonometry.

SOPHOMORE YEAR.

FALL TERM—Engineering: Mensuration, Surveying and Navigation.

WINTER TERM—Mathematics: Analytical Geometry—Olney's.

SPRING TERM—Mathematics: Differential Calculus—Olney's.

JUNIOR YEAR.

FALL TERM—Mathematics: Analytical Geometry: (Optional.)

WINTER TERM—Mathematics: Integral Calcus: (Optional.)

IV. SCHOOL OF MILITARY SCIENCE AND TACTICS.

PROFESSOR PIERCE.

FIRST YEAR.

FIRST TERM—Infantry Tactics: School of the Soldier.

SECOND TERM—Infantry Tactics: School of the Company.

THIRD TERM—Infantry Tactics: Bayonet Exercises.

SECOND YEAR.

FIRST TERM—Infantry Tactics: School of the Battalion.

SECOND TERM—Cavalry Tactics: Sabre Drill.

THIRD TERM—Target Practice: Artillery and Small Arms.

THIRD YEAR.

FIRST TERM—Infantry Tactics and Practice.

SECOND TERM—Artillery Tactics: Field Fortifications.

THIRD TERM—Target Practice: Heavy and Field Artillery.

FOURTH YEAR.

FIRST TERM—Infantry Tactics: School of the Brigade.

SECOND TERM—Ordnance and Gunnery.

THIRD TERM—Advanced Guard and Outpost duty.

Dress Parades, Reviews, Inspections and Guard Mountings are held as often as is deemed expedient throughout the entire course.

V. SCHOOL OF MODERN LANGUAGES AND LITERATURE.

PROFESSOR WOOD.

JUNIOR—French: Three Terms—Elective.

SENIOR—German: " " "

If the student selects the French or German instead of the Latin or Greek, he shall be required to study them respectively three successive Terms.

VI. SCHOOL OF HISTORY, POLITICAL ECONOMY, AND BELLES LETTRES.

PROFESSOR GLOVER.

FRESHMAN YEAR.

FALL TERM—Universal History.

SPRING TERM—Constitution of the United States and of West Virginia.

SOPHOMORE YEAR.

FALL TERM—English Philology: March.

" " Elocution: Elementary Sounds.

WINTER TERM—Logic: Coppee.

" " Elocution: Emphasis and Modulation.

SPRING TERM—Rhetoric: Haven.

" " Elocution: Emotional Expression, Action, and Gesture.

JUNIOR YEAR.

SPRING TERM—Political Economy: Bowen.

SENIOR YEAR.

FALL TERM—History of Civilization: Guizot.

WINTER TERM—Elements of Criticism: Lord Kames'.

Literary and Elocutionary Drill throughout the Freshman year also

VII. SCHOOL OF CHEMISTRY AND NATURAL HISTORY.

PROFESSOR FONTAINE.

FRESHMAN YEAR.

FALL TERM—Eliot and Storer's Chemistry: (Inorganic.)

WINTER TERM—Chemistry: (Organic.)

SPRING TERM—Gray's School and Field Book of Botany.

SOPHOMORE YEAR.

FALL TERM—Chemical Analysis.

WINTER TERM—Agricultural Chemistry: Analysis of Soils, &c.

SPRING TERM—Manual of Agriculture.

JUNIOR YEAR.

WINTER TERM—Zoology.

SPRING TERM—Human Anatomy and Physiology: Draper's.

SENIOR YEAR.

FALL TERM—Lithological, Dynamical and Historical Geology: Dana.

VIII. SCHOOL OF GREEK LANGUAGE AND LITERATURE.

PROFESSOR BERKELEY.

FRESHMAN YEAR.

FALL TERM—Herodotus: Arnold's Greek Prose Composition.

WINTER TERM—Homer's Iliad: Arnold (continued;) Greek Grammar.

SPRING TERM—Homer's Iliad; Arnold's Prose Comp. (completed.)

SOPHOMORE YEAR

FALL TERM—Xenophon's Memorabilia: Exercises in Greek Composition.

SPRING TERM—Plato: Crito and Apology.

JUNIOR YEAR.

FALL TERM—Euripides' Alcestis (Elective.)

SPRING TERM—Demosthenes on the Crown. (Elective.)

SENIOR YEAR.

WINTER TERM—Sophocles—Œdipus Tyrannus.† (Elective.)

Instead of the Latin and Greek of the Junior year, the student may elect French, and for those of the Senior year, German; such election being made at the beginning of the year.

IX. SCHOOL OF LATIN LANGUAGE AND LITERATURE.

PROFESSOR BERKELEY.

FRESHMAN YEAR.

FALL TERM—Virgil—Bucolics and Georgics; Arnold's Latin Prose Comp.

WINTER TERM—Horace—Odes and Epodes.

SPRING TERM—Cicero—De Senectute or De Amicitia.

SOPHOMORE YEAR.

WINTER TERM—Horace—Satires and Epistles; Exercises in Latin Comp.

SPRING TERM—Livy—Lincoln's, Exercises in Latin Composition.

JUNIOR YEAR.

WINTER TERM—Tacitus—Germania and Agricola; Latin Composition continued. (Elective.)

SENIOR YEAR.

FALL TERM—Cicero—De Officiis; Written Exercises on Historical Subjects. (Elective.)

SPRING TERM—Tacitus—Annals. (Elective.)

SCIENTIFIC DEPARTMENT.

This Department, leading to the degree of Bachelor of Science, embraces studies in seven Schools, as follows:

I. IN THE SCHOOL OF PHILOSOPHY AND ENGLISH LITERATURE.

PROFESSOR SCOTT.

FRESHMAN YEAR.

WINTER TERM—English Literature.

JUNIOR YEAR.

FALL TERM—Mental Philosophy: The Intellect.

WINTER TERM—Mental Philosophy: The Sensibilities and the Will.

SENIOR YEAR.

FALL TERM—Moral Science: Wayland's.

WINTER TERM—Political Philosophy: International Law —Woolsey.

SPRING TERM—Sacred Philosophy: Butler's Analogy.

" " " " Nat. Theology and Ev. Christianity.

II. SCHOOL OF ASTRONOMY AND PHYSICS.

PROFESSOR STEVENS.

SOPHOMORE YEAR.

FIRST TERM—General Principles of Physics: Solids and Fluids.

SECOND TERM—Undulations; Acoustics; Optics; Problems.

THIRD TERM—Heat; Magnetic, Statical and Dynamical Electricity.

JUNIOR YEAR.

First Term—Meteorology: Loomis'.

Second Term—Analytical Mechanics.

Third Term—Analytical Mechanics. Completed.

SENIOR YEAR.

First Term—Physical Geography.

Second Term—Descriptive and Physical Astronomy.

Third Term—Practical Astronomy, Calculation and Graphical Construction of Eclipses; Solution of Problems to be verified by the Nautical Almanac.

To pursue successfully the studies of the first year of this School, students must have a fair acquaintance with Algebra, Geometry and Trigonometry, and in addition to these, before commencing Analytical Mechanics, some knowledge of Analytical Geometry and Calculus.

III. IN THE SCHOOL OF MATHEMATICS AND ENGINEERING.

PROFESSOR PIERCE.

FRESHMAN YEAR.

First Term—Olney's University Algebra.

Second Term—Olney's Geometry.

Third Term—Olney's Spherical Geometry and Trigonometry.

SOPHOMORE YEAR.

First Term—Robinson's Mensuration, Surveying and Navigation.

Second Term—Olney's Analytical Geometry.

Third Term—Differential Calculus.

JUNIOR YEAR.

First Term—Analytical Geometry.

Second Term—Integral Calculus.

IV. SCHOOL OF MILITARY SCIENCE AND TACTICS.

PROFESSOR PIERCE.

The studies in this School are the same as those in the Literary Department. They are enumerated on page 20.

V. SCHOOL OF MODERN LANGUAGES AND LITERATURE.

PROFESSOR WOOD.

The languages regularly taught in this School are French and German, but private classes in Spanish and Italian will be formed, when required.

FRESHMAN YEAR.

FALL TERM—French: Fasquelle's French Course; Oral and Written Exercises.

WINTER TERM—French: Fasquelle, completed: Telemachus.

SPRING TERM—French: Dumas', Napoleon; and Nouvelle Grammaire Francaise, Par M. Noel et M. Chapsal.

SOPHOMORE YEAR.

FALL TERM—French: Dumas' Napoleon completed: Conversation and Composition.

Fifth, Term (optional) "Le Misanthrope" (A Comedy) By Moliere Noels and Chapsal's advanced Grammar.

JUNIOR YEAR.

FALL TERM—German: Comfort's German Course; Oral and Written Exercises.

WINTER TERM—German; Comfort's Course (completed.)

SENIOR YEAR.

WINTER TERM—German; Comfort's Reader; Conversation.

SPRING TERM—German; Schilleir's Mary Stuart and William Tell; Conversations.

Fifth Term (optional) Whitneys Grammar: Goethe's Egmont; Composition; Conversation. Adlers German Dictionary is recommended.

Spier's and Surenne's French Dictionary is recommended.

The Optional Term, in both French and German, may be taken by the Student, provided that it do not interfere with the regular course, and that it be ranked as an extra study.

VI. SCHOOL OF HISTORY, POLITICAL ECONOMY AND BELLES LETTRES.

PROFESSOR GLOVER.

FRESHMAN YEAR.

FALL TERM—Universal History.

SPRING TERM—Constitution of the United States and of West Virginia.

SOPHOMORE YEAR.

WINTER TERM—Logic: Coppee.

SPRING TERM—Rhetoric.

JUNIOR YEAR.

SPRING TERM—Political Economy: Bowen.

SENIOR YEAR.

FALL TERM—History of Civilization: Guizot.

WINTER TERM—Elements of Criticism.

Literary and Elocutionary Drill throughout the Freshman and Sophomore years.

VII. SCHOOL OF CHEMISTRY AND NATURAL HISTORY.

PROFESSOR FONTAINE.

FRESHMAN YEAR.

FALL TERM—Eliot and Storer's Chemistry: (Inorganic.)

WINTER TERM—Chemistry: (Organic.)

SPRING TERM—Gray's School and Field Book of Botany.

SOPHOMORE YEAR.

FALL TERM—Chemical Analysis.

WINTER TERM—Agricultural Chemistry: Analysis of Soils, &c.

SPRNG TERM—Manual of Agriculture.

JUNIOR YEAR.

WINTER TERM—Zoology.

SPRING TERM—Human Anatomy and Physiology: Draper's

SENIOR YEAR.

FALL TERM—Lithological, Dynamical and Historical Geology: Dana.

DEPARTMENT OF ENGINEERING.

The studies in this Department, for the first, second and third years, are the same as in the general Scientific Course. For the Senior year they are in the

SCHOOL OF PHILOSOPHY AND ENGLISH LITERATURE.

PROFESSOR SCOTT.

FALL TERM—Moral Science: Wayland's.

WINTER TERM—Political Philosophy: International Law —Woolsey.

SPRING TERM—Sacred Philosophy: Butler's Analogy.
" " " " Nat. Theology and Ev. Christianity.

SCHOOL OF ASTRONOMY AND PHYSICS.

PROFESSOR STEVENS.

FALL TERM—Comparative Physical Geography.

WINTER TERM—Descriptive and Physical Astronomy.

SPRING TERM—Practical Astronomy.

SCHOOL OF MATHEMATICS AND ENGINEERING.

PROFESSOR PIERCE.

FALL TERM—Civil Engineering: Mahan.

WINTER TERM—Military Engineering: Mahan.

SPRING TERM—Gillespie on the Location, Construction and Improvement of Roads and Railroads.

SCHOOL OF CHEMISTRY AND NATURAL HISTORY.

PROFESSOR FONTAINE.

FALL TERM—Geology: Lithological, Historical and Dynamical—Dana; Geological Excursions.

SCHOOL OF HISTORY, POLITICAL ECONOMY AND BELLES LETTRES.

PROFESSOR GLOVER.

WINTER TERM—Elements of Criticism.

SCHOOL OF MODERN LANGUAGES.

PROFESSOR WOOD.

The studies of the Modern Languages are the same as in the general Scientific Course.

In addition to the Text books prescribed to the students of Modern Languages, they are required to read a prescribed Course of Literature, and write Exercises, both by Dictation and Translation, in French and German.

AGRICULTURAL DEPARTMENT.

The studies of this Department are, at present, embraced in a two years' course, and are pursued in six schools of the University. Students having creditably completed this course, will be entitled to receive a certificate to that effect.

SCHOOL OF AGRICULTURE, CHEMISTRY AND NATURAL HISTORY.

PROFESSOR FONTAINE.

FIRST YEAR.

First Term—Inorganic Chemistry.

Second Term—Organic Chemistry: Zoology.

Third Term—Botany and Vegetable Physiology.

SECOND YEAR.

First Term—Analytical Chemistry: Geology.

Second Term—Analysis of Soils: Entomology.

Third Term—Allen's Farm Book.

SCHOOL OF MATHEMATICS AND ENGINEERING.

PROFESSOR PIERCE.

FIRST YEAR.

Third Term—Plane Trigonometry.

SECOND YEAR.

First Term—Chain and Compass Surveying.

Third Term—Gillespie on Roads and Road-making.

Students who have not previously studied Algebra will take it in addition to the other studies of the first and second terms of the first year.

SCHOOL OF ASTRONOMY AND PHYSICS.

PROFESSOR STEVENS.

FIRST YEAR.

First Term—Physics of Solids and Fluids.

Third Term—Heat, Magnetism and Electricity.

SECOND YEAR.

First Term—Meteorology.

Second Term Astronomy.

SCHOOL OF HISTORY, POLITICAL ECONOMY, AND BELLES LETTERS;

PROFESSOR GLOVER.

FIRST YEAR.

First Term—General History.

Third Term—Constitution of the United States and of West Virginia.

SECOND YEAR.

Third Term—Political Economy.

SCHOOL OF MODERN LANGUAGES.

PROFESSOR WOOD.

French. } Optional—Three Terms.
German. }

SCHOOL OF PHILOSOPHY AND ENGLISH LITERATURE.

PROFESSOR SCOTT.

FIRST YEAR.

Second Term—Hart's English Literature.

SECOND YEAR.

Third Term—Natural Theology.

The subjects for Lectures during the course, are the following:

FIRST YEAR.

Fall Term—The Chemistry, Structure and Physiology of Plants.

On the Water, Atmosphere and Soil as related to Vegetables.

On Tillage, Draining and Manuring.

Winter Term—On Domestic Animals and their Digestion, Respiration, Assimilation and Excretion.

On the Composition, Preparation and Value of different kinds of Food.

On Milk, Butter, Cheese, Flesh and Wool as Agricultural Products.

SPRING TERM—On Horticultural and Kitchen Gardening.

On the Propagation, Training and Culture of Fruit Trees, the Vine, Small Fruits and Vegetables.

SECOND YEAR.

FALL TERM—On the staple grain, forage, root and fibre crops of this and adjoining States, and their varieties and the best soils adapted for them.

On the preparation of soil, seeding, cultivating, harvesting and preparing for market.

On the Origin and Natural History of Domestic Animals.

On Entomology and the Insects useful and hurtful to vegetation.

WINTER TERM—On the raising, care, characteristics and adaptation of different breeds of Domestic Animals.

On Cattle for beef or draught, and Sheep for wool or mutton.

On Horses, Swine and Poultry.

On Pastering, Soiling and Stall Feeding.

On Tobacco, Hops and Forestry.

SPRING TERM—On Rural Economy.

On the History of Agriculture, with sketches of the same in ancient and modern times; and in foreign lands.

On the Adaptation of Farming to soil, climate, market, and other natural and economical conditions.

On the different systems of Husbandry, such as stock, sheep grain and mixed farming.

Schedule of Daily Recitations—Fall Term.

	Class.	First Hour.	Second Hour.	Third Hour.	Fourth Hour.	Fifth Hour.
Lit.	SENIOR	Moral Science.	Geology.	History Civilization.	German or Latin.	
	JUNIOR	French, (Elective.)	Hebrew (Elective.)	Mental Philosophy.	Physics.	Greek, (Elective.)
	SOPHOMORE	Surveying.	Greek.	Chemistry.	English Philology.	Elocution.
	FRESHMAN.	Greek.	History.	Latin.	Algebra.	
Sci.	SENIOR	Moral Science.	Geology.	History Civilization.	.....	Physical Geography.
	JUNIOR	Meteorology.	Analytical Geometry.	Mental Philosophy.	German.	.....
	SOPHOMORE	Surveying.	French.	Chemical Analysis.	Physics.	Elocution.
	FRESHMAN	French.	History.	Chemistry.	Algebra.	.....

WINTER TERM.

Lit.	SENIOR	German, (Elective.)	International Law.	Astronomy.	Elements of Criticism.	Greek, (Elective.)
	JUNIOR	Mental Philosophy.	Physics.	Zoology.	Latin or French.	.....
	SOPHOMORE	Chemistry.	Latin.	Logic.	Analytical Geometry.	Elocution.
	FRESHMAN	Greek.	Geometry.	Latin.	Hebrew, (Elective.)	English Literature.
Sci.	SENIOR	German.	International Law.	Astronomy.	Criticism.	.....
	JUNIOR	Mental Philosophy.	.....	Zoology.	Analytical Mechanics.	Calculus.
	SOPHOMORE	Elocution.	Physics.	Logic.	Analytical Geometry.	Chemical Analysis.
	FRESHMAN	Chemistry.	Geometry.	.....	French.	English Literature.

SPRING TERM.

Lit.	SENIOR	Natural Theology.	Butler's Analogy.	Astronomy.	German, (Elective.)	Latin, (Elective.)
	JUNIOR	French, (Elective.)	Physics.	Political Economy.	Anatomy.	Greek, (Elective.)
	SOPHOMORE	Calculus.	Greek.	Botany.	Latin.	Rhetoric.
	FRESHMAN	Greek.	Trigonometry.	Latin.	Constitution.	Hebrew, (Elective.)
Sci.	SENIOR	Natural Theology.	Butler's Analogy.	Astronomy.	German.	.....
	JUNIOR	Analytical Mechanics.	German.	Political Economy.	Anatomy.	.....
	SOPHOMORE	Calculus.	Physics.	.....	Agriculture.	Rhetoric.
	FRESHMAN	French.	Trigonometry.	Botany.	Constitution.	.....

General Review of the

		Literary Department.	Scientific Department.
Freshman Class.	Fall Term.	Algebra—finished. Universal History. Virgil—Bucolics and Georgics. Herodotus.	University Algebra. Universal History. French—commenced. Chemistry—Inorganic.
	Winter Term.	Geometry—completed. Manual of English Literature. Horace—Odes and Epodes. Homer—Iliad.	Geometry—completed. Manual of English Literature. French—continued. Chemistry—Organic.
	Spring Term.	Trigonometry. Constitution of the U. S. and W. Va. Cicero—De Senectute. Homer—Odyssey.	Trigonometry. Constitution—U. S. and W. Va. French. Botany—Physiological and Systematic.
Sophomore Class.	Fall Term.	Mensuration and Surveying. English Philology. Xenophon—Memorabilia. Chemistry—Inorganic.	Physics—Silliman's. Mensuration and Surveying. French. Chemical Analysis.
	Winter Term.	Analytical Geometry. Logic. Horace—Satires. Chemistry—Organic.	Physics—Acoustics and Optics. Analytical Geometry. Logic. Chemical Analysis—continued.
	Spring Term.	Rhetoric. Livy. Plato—Apology and Crito. Botany—Gray's	Physics—Heat and Electricity. Analytical Geom.—completed. Rhetoric. Manual of Agriculture.
Junior Class.	Fall Term.	Mental Philosophy. Physics—commenced. Analytical Geometry—Optional. Euripides—Alcestis.	Mental Philosophy. Meteorology. Differential Calculus. German—commenced.
	Winter Term.	Mental Philosophy—completed. Physics—Acoustics and Optics. Tacitus—*Germania* and *Agricola*. Zoology.	Mental Philosophy. Analytical Mechanics. Integral Calculus. Zoology.
	Spring Term.	Physics; Heat; Electricity. Political Economy. Demosthenes—De Corona. Anatomy and Physiology.	Analytical Mechanics. Political Economy. German—continued. Human Anatomy.
Senior Class.	Fall Term.	Moral Science. History of Civilization. Cicero—*De Officiis*. Geology.	Moral Science. Physical Geography. History of Civilization. Geology—Dana's.
	Winter Term.	Elements of Criticism. Astronomy. International Law. Sophocles—Œdipus Tyrannus.	Elements of Criticism. Astronomy—Descrip. and Phys. International Law. German—continued.
	Spring Term.	Nat. Theol. and Ev. Christianity. Astronomy. Butler's Analogy. Tacitus Annals.	Natural Theology. Practical Astronomy. Butler's Analogy. German—continued.

Courses of Study.

Military Department.	Agricultural Department.
University Alebra. Universal History. French. School of the Soldier.	Algebra, (Elementary.) History. Chemistry. Physics.
Solid Geometry. English Literature. French. School of the Company.	Algebra. English Literature. Chemistry. Natural History of Animals.
Trigonometry. Constitution—United States. French. Bayonet Exercises.	Trigonometry. Constitution U. S., and W. Va. Physics. Vegetable Physiology.
Physics. Mensuration and Surveying. French. School of the Battalion.	
Physics. Analytical Geometry. Industrial Drawing. Sabre Drill.	
Topographical Surveying. Analytical Geometry. Manual of Signals. Artillery Practice.	
German Mental Philosophy. Differential Calculus. Infantry Tactics and Practice.	
Mental Philosophy. Analytical Mechanics. Integral Calculus. Artillery Tactics.	
Analytical Mechanics. Political Economy. German. Artillery Practice.	
Moral Science. Physical Geography. History of Civilization. Field Fortifications.	Surveying. Meteorology. Chemical Analysis. Geology.
Astronomy. International Law. Military Law. Ordnance and Gunnery.	Astronomy. Entomology. Chemical Analysis. Lectures.
Natural Theology. Practical Astronomy. Military Telegraphy. Advanced Guard, Outpost, &c.	Natural Theology. Political Economy. Allen's Farm Book. Roads and Road Making.

PREPARATORY DEPARTMENT.

FIRST YEAR.

FALL TERM—Geography; Guyot's Common School; Map Drawing.
Arithmetic—Stoddard's Complete.
English Grammar—Etymology.
Latin—commenced.

WINTER TERM—Geography; Guyot continued; Map Drawing.
Arithmetic continued.
Eng. Grammar—Syntax
Latin—Grammar and Reader.

SPRING TERM—Arithmetic; Complete.
English Grammar—Analysis of Sentences.
Latin—Grammar and Readers.
Greek—Bullions' First Lessons.

SECOND YEAR.

FALL TERM—Algebra; Olney's New University, to Involution.
Book-keeping.
Cæsar—Latin Grammar.
Greek—Grammar and Reader.

WINTER TERM—Algebra; Olney's, Completed.
History of the United States—Anderson's.
Cicero's Orations—Bullions'; Latin Grammar.
Greek—Grammar and Reader.

SPRING TERM—Geometry; Olney's First Five Books.
History of the United States, completed.
Virgil—Three Books of Æneid; Latin Grammar.
Xenophon's Anabasis; Greek Grammar.

Regular lessons in Writing, Spelling, Elocution and English Composition from beginning.

The course preparatory to the Scientific, the Engineering and the Military Departments is the same as the above with the substitution of Citizens Manual, one term Cutters Physiology, two terms, and Watts on the Mind, one term, respectively for the studies in Greek.

The studies preparatory to the Agricultural Department, are as follows:

FALL TERM.—Algebra; Arithmetic; Grammar; Geography.

WINTER TERM—Algebra; Arithmetic; Grammar; History U. S.

SPRING TERM.—Geometry; Arithmetic; Grammar; History.

Regular instruction in Vocal Music will be given to those desiring it at a cost of five dollars a year. The class will rank as an Elective Preparatory class and marks for recitation will be accredited and entered accordingly. Students of other departments however, may become members by the payment of the requisite fee.

Schedule of Daily Recitations.

PREPARATORY DEPARTMENT.

FALL TERM.

YEAR.	FIRST HOUR.	SECOND HOUR.	THIRD HOUR.	FOURTH HOUR.	FIFTH HOUR.
SECOND YEAR.....	Algebra.	Greek Reader, or Physiology Com.	Cæsar.	Book Keeping.	
FIRST YEAR.....	Geography.	English Grammar, 1st. " " 2d.	Latin Lessons. Latin Lessons.	Arithmetic.	Reading or Writing.

WINTER TERM.

SECOND YEAR.....	Algebra.	Cicero.	Greek Reader, or Physiology Comp.	History U. S.	Reading or, Writing.
FIRST YEAR	Geography.	Latin Reader. Latin Reader.	Arithmetic.	English Grammar.	

SPRING TERM.

SECOND YEAR.....	History U. S.	Anabasis or, Watts on the Mind.	Virgil.	Geometry.	Reading or, Writing.
FIRST YEAR.....	Arithmetic.	Greek Lesssons or, 'Citizens' Manual.	Latin Reader. Latin Reader.	English Grammar.	

GENERAL REMARKS.

Origin of the University.

The subject of advanced education has been in various forms before the people of West Virginia for years, but without any liberal provision having been made for the same until quite recently. The Constitution of the State makes it the duty of the Legislature to "*foster and encourage Moral, Intellectual, Scientific and Agricultural Improvement; and to make provision for the organization of such institutions of learning as the best interests of general education may demand.*" The National Congress having donated certain lands "in order to promote the liberal and practical education of the industrial classes in the several pursuits and professions in life," the Legislature accepted the same, and appointed a Board to organize the Institution, with instructions to "*establish Departments of Education in Literature, Science, Art, Agriculture, and Military Tactics—including a Preparatory Department.*"

Endowment and Funds.

The proceeds of the sale of Congressional lands amounted to $90,000. The citizens of Morgantown contributed in grounds, buildings and money, about $50,000. The Legislature, realizing the necessity and immense value of such an institution; its incalculable worth to the youth of the Commonwealth and of the country, has increased the endowment to about $110,000, with annual appropriations for current and contingent expenses. As no part of the Congressional grant can be applied to the erection of buildings, (one tenth only being allowed for the purchase of an experimental farm,) the Legislature has also made provision for the supply and keeping in order of such buildings as the growth of the Institution may, from time to time, demand.

Name and Government.

At the beginning, in common with some other National Colleges, it was simply called the "Agricultural College." Having been, however, fully adopted by the State, and the means supplied to aid in its establishment being supplemented by the Legislature, an act was passed, pursuant to the recommendation of the Governor, ordering that it should thereafter be known by the style and designation of "WEST VIRGINIA UNIVERSITY." It is under the immediate oversight of a board of nine Regents, one from each judicial circuit, appointed by the State and required to report, through the Governor, to the Legislature. The bitterness of partizan and sectarian disputes is carefully excluded from its Halls, and a broad and manly culture thus secured to all.

Scope.

This is entirely in accord with the original design of the Institution as seen in the first paragraph of these "general remarks." The act of Congress contemplated the founding of Institutions that would furnish not only "*practical*" but also "*liberal* education"—education "in the several *pursuits*," and just as certainly "in the several *professions* of life. It forbids the exclusion of "classical studies," and requires attention to Agricultural and Mechanical Education, Military Tactics, &c. The act of the Legislature contemplated a school of general instruction, and directed the Board to organize several distinct Departments, as above enumerated, in the interest of the *people* of the State and of the Nation.

We trust that in the extent and in the quality of its work, and the thoroughness of its discipline and culture, as well as adaptation to the demands of the age, the UNIVERSITY will prove itself deserving of no second rate position among the Institutions of our land. It designs by its instruction in Literature and Art—in Language, ancient and modern—in Mathematics, pure and applied—in the Sciences, agricultural, physical, mental, moral and social--by its recitations, lectures, examinations and elevating influences to educate, inform and discipline the student's mind: to strengthen his moral principles, and supply such general and generous as well as special culture as will best prepare him for success and usefulness in any pursuit or profession in life.

Departments of Instruction.

I. LITERARY. This embraces a comprehensive and thorough course of general study in nine schools, and is equal to that of our best American colleges. It aims at the complete and harmonious development of all the powers of the mind, and provides instruction in all the leading subjects of human thought. The student who successfully accomplishes its Curriculum is entitled to the Degree of "Bachelor of Arts." For those who have time, means, and ability, it undoubtedly secures the highest culture which our best Institutions supply to undergraduates.

II. SCIENTIFIC. This is for those whose special tastes or necessities incline them to scientific study. It omits the ancient classics except as much of the Latin as is embraced in the Preparatory department, and includes the French and German Languages. It embraces studies in eight schools and entitles to the Degrees of "Bachelor of Science." In our State and country there is special demand for such instruction, and this Department is designed in extent and value to be second to none other of its kind.

III. AGRICULTURAL. Studies relating to the theory and practice of Agriculture constitute an important Department in the University. Young men who desire to study only such branches as will enable the Farmer to pursue his calling with intelligence and profit will here find, at small expense of time or means, all they need in the way of a sound, practical education. They are not required to study any language but their own, nor to go in mathematics farther than land surveying. With a good free school education they will be able to accomplish this course in two years. Those deficient in elementary studies must spend at least one year in Preparatory studies before entering this department. Several of our young men have hitherto found it pleasant and healthful to spend an hour or two per day, at a remunerative price in improving and ornamenting the grounds under the direction of the Superintendent. The labor corps also forms the nucleus of a class in practical and scientific farming and related studies.

IV. MILITARY. The law provides that four cadets may be appointed for each Judicial circuit in the State. These are educated free of cost for tuition, books, stationery, &c. For such as desire a military and engineering education this department is provided. Cadets, however, are not limited to this, but may pursue their studies in any Department of the University, subject to the general regulations laid down in the Code for the Cadets. Other students are permitted to drill on condition

that they provide themselves, with the neat and becoming uniform of the Corps. Drill occupies one hour on each of four days in the week. The United States Government liberally furnishes the special supplies required for this department. These are of the latest and most improved construction.

V. PREPARATORY. But comparatively few of our young men in West Virginia have home advantages for properly and fully preparing themselves to enter upon regular College studies. This Department has proved a fruitful source of supply for the higher classes, and also the means of maintaining an elevated grade of preliminary scholarship for admission to them. As the high Schools, Academies and graded schools of the State increase in number and efficiency, in the same proportion will the necessity of this Department diminish. Meanwhile, and until their increase and fuller development, it cannot be dispensed with without lowering the standard of Collegiate Study proper, or shutting out from the advantages of the Institution many of the best and most promising young men of the State. Nowhere else can young men be better prepared for advanced studies, or, if this is not contemplated, accomplish more thoroughly and advantageously such studies as are here provided.

AN OPTIONAL Course is allowed those students whose special tastes or necessities prevent them from graduating in any of the regular Departments. Parents and guardians of students who expect to attend the University are, however earnestly advised to direct their studies with a view to entering one of these Departments. The attention of those who teach in our intermediate schools is also respectfully invited to this suggestion.

A NORMAL CLASS, for the special advantage of Teachers, is formed every spring. In this the ordinary school studies are carefully reviewed, exactness and readiness in explanation and definition acquired, and instruction in the most approved methods of organizing and conducting schools imparted. There is also a weekly Lecture before the class on some subject connected with teaching.

The Trustees of the "Peabody Educational Fund," through their general agent, Dr. Barnas Sears, have hitherto placed at the disposal of the University, the sum of five hundred dollars, annually to be given to such young men of the Normal Department as need assistance to qualify themselves for higher usefulness as teachers in West Virginia, or any other State entitled to the advantages of the Peabody Fund.

Requisites for Admission.

I. All candidates for admission to any Department of the University, must present satisfactory evidence of good moral character.

II. Students coming from other Colleges must produce certificates of honorable dismission from the same.

III. Those entering as Students for a Degree in any Department of the University, must sustain an examination in the various studies of the Preparatory School of the University, or their equivalent.

IV. Candidates for advanced standing must sustain an examination in the previous studies of the Department which they desire to enter.

V. The regular examination for admission of candidates, who have not pursued the preliminary studies in the Preparatory School of the University, will take place on Friday, [June 19th,] succeeding Commencement, and on Tuesday, [September 1st,] preceeding the opening of the Fall term.

VI. Candidates should procure a copy of the printed laws of the University, also the Treasurer's receipt for tuition, before presenting themselves for enrollment.

VII. Applicants for admission to the Preparatory Department must stand an approved examination on spelling, reading, writing, modern geography, elements of English grammar, and arithmetic through common fractions.

Examination.

I. Each student at the close of the Term shall stand a public written examination upon all the studies which he has pursued during that term. No student shall be excused for non-attendance on such examinations, except upon presentation of a reason which may be considered valid by the Faculty. No student who may be absent, and not thus excused, shall be allowed to continue in connection with the University. If at the close of any term a student shall have failed to attain a standing of 6, on a scale of ten owing to a failure in examination, he shall be informed of the fact, and he may be allowed to stand a special examination under the same committee at any time before the beginning of the next College year.

II. The examination of each class shall be conducted by a committee composed of *three* members of the Faculty, who shall, within three days next preceeding the examination, select a series of questions not less than nine nor more than fifteen in number, and submit the same in writing to the class at the time of examination.

III. After examination the committee shall examine the papers and determine the standing made by each student in examination, which shall be considered the equivalent of one month's standing in recitation.

IV. Before a student shall be entitled to enter a higher class he shall, on a scale of 10, have attained a minimum standing of 6 in each study belonging to his class, which shall be determined by the average of his recitations and examinations.

Calendar.

The annual session of thirty-nine weeks is divided into three terms of thirteen weeeks each. An interval of a few days occurs between the Fall and Winter and between the Winter and Spring terms. Also a recess of about two weeks including the Christmas holidays. It is highly important that students be present at the first recitation of their classes. The exercises begin promptly on the day designated, and any time lost affects the standing of the student, and perhaps embarrasses his whole course.

The annual Commencement Exercises are held on the third Thursday of June. The Fall Term begins on the first Wednesday of September.

1874.	June	11th, Thursday,	9 A. M.	.....Annual Examination begins.
	"	12th, Friday,	7½ P. M.	.....Anniversary of Parthenon Society.
	"	13th, Saturday,	7½ P. M.	.....Anniversary Y. M. C. Association.
	"	14th, Sunday,	3 P. M.	.....Baccalaureate Sermon by the President.
	"	15th, Monday	7½ P. M.	.....Anniversary of the Columbian Literary Society.
	"	16th, Tuesday,	7½ P. M.	.....Regents' Prize Contest.
	"	17th, Wednesday,	7½ P. M.	.....Address before the Literary Societies.
	"	18th, Thursday,	9 A. M.	.....COMMENCEMENT DAY.

	Sept.	1st, Tuesday, 9 A. M.	Examination of Candidates for Admission.
	"	2d, Wednesday, 9 A. M.	Regular Work of the UNIVERSITY YEAR 1873–4 begins.
	Nov.	26th, Thursday	Fall Term ends.
	Dec.	2d, Wednesday	Winter Term begins.
	"	23d, Wednesday	Christmas Recess begins.
1875.	Jan.	6th, Wednesday	Winter Term resumed.
	March	11th, Thursday	Winter Term ends.
	"	17th, Wednesday	Spring Term begins.
	April	23d, Friday	Junior Exhibition.
	June	17th, Thursday	Spring Term ends. COMMENCEMENT.

Expenses.

Preparatory Department	$5.00 per Term of 13 weeks.
Other Departments	8.00 " " " "

Students in the Preparatory Department pay one dollar; in the other Departments two dollars per term contingent fee.

Four Cadets may be appointed by each Regent, free of charge for tuition, books, and stationery.

Boarding.

The University does not, and does not propose to, Board Students. Ample provision for this purpose is made in private families of the town and vicinity. The cost, including furnished rooms, fuel, &c., varies from $3.00 to $4.00 per week. Some Board in clubs at still lower rates.

Prizes.

THE REGENTS' PRIZES.—To the Student who shall write the best essay upon a given subject, $25. To the Student who shall be adjudged the best Declaimer, $15. These prizes to be awarded after public competition, by a committee of citizens appointed by the Faculty.

These were awarded at the last contest as follows, viz:

J. S. W. Dean, Essay,	$25.00
A. F. Downs, Declamation,	15.00

Discipline.

The rules of the University require that every student shall be in his place at all stated exercises from the opening to the close of his connection with the University. A record is kept in which are entered the grade of Scholarship of each Student, his absence from the exercises of the Institution, his tardiness, or failure in recitation, unless satisfactorily accounted for. An abstract of this record, is sent at the close of each Term in the Preparatory Department, and at the end of the College year in the other Departments, to parents or guardians, so that they may see what and how their sons and wards are studying, and how they stand in scholarship and deportment. In case of negligence irregularity, or other misconduct, the Student will be privately admonished and the parent or guardian will be informed of the fact. Mere inattention to study will, if persisted in, insure dismission from the University. No Student is allowed to leave the town during Term time without special permission.

Students from abroad, under fifteen years, should have their money sent to, and their bills settled by, Prof. F. S. Lyon, Bursar of the University.

Religious Instruction and Worship.

The exercises of each day are opened with reading the Scriptures, singing and prayer, at which all the Students are required to be present. They are also required to attend regularly some place of religious worship on the Sabbath, and on all occasions to treat the institutions of religion with respect. The Institution is, and from the beginning has been, free from Sectarain control or domination.

A Young Mens' Christian Association

is maintained by voluntary action of the Students, without interference from, or dictation by, the Faculty, or any member of it. This has been in many ways of great advantage to its members and to the Institution generally.

Library.

A respectable beginning towards a University Library has already been made. About four thousand volumes have been carefully selected and placed on its shelves, including not only many choice and valuable books of reference, but also standard works in the various departments of History, Biography, Theology, Agriculture, Arts, Science and General Literature.

We respectfully request the friends of Education to make contributions to its shelves. In addition to those hitherto granted, valuable donations have been received during the past year, of which the following are the principal:

TITLE.	DONOR.	VOL.
Isthmus of Tehauntepec, Explorations and Survey of	Hon. James C. McGrew, Kingwood	1
Maine, Agriculture and Geology of	Maine State Librarian	2
Signal Office Report, 1873	General Myers, United States Army	1
Washington Zones	Admiral Sands, United States Navy	1
do Observations	do do	1
Social Science	H. C. Baird, Philladelphia	1
Discovery, Philosophy of	do do	1
Free Trade, Sophisms of	do do	1
National Industry Protection to	do do	1
Slave Trade	do do	1
Tariff and Internal Improvement	do do	1
Educational Report, 1870	John Eaton, Commissioner Education	1
Prose and Verse	Alexander T. Laidley, Charleston	1
Greece, History of	do do do	1
New Hampshire, History of	do do do	1
Leigh Richmond	do do do	1
Shakspeare and Burns	do do do	1
Robert E. Lee, Birography of	F. R. Swann, Charleston	1
Code of West Virginia	Hon. C. Hedrick, Secretary of State of W. Va	1
House and Senate Journals, West Virginia	do do do	12
Constitution and Statutes of West Virginia	do do do	1
Acts of Legislature West Virginia	do do do	5
West Virginia Reports	do do do	3
Governor's Message, &c	do do do	2
Catalogues and Reports, West Virginia University, 1867, 1873	Dr. Alexander Martin, West Virginia University	12
Lectures on Mental, and Moral Philosophy and Theology	Rev. James Richards, Charleston	1
Transactions of New York State Agricultural Society	Hon. John S. Dix, Governor New York	1
The Steam Engine	John H. Drabell, A. B., Morgantown	1
Wyoming, Geological Survey of	Senator A. I. Boreman, Parkersburg	1
Alabama Claims	Secretary of the Interior	1
Hindoos, History, Literature and Mythology of	Dr. J. W. Scott, West Virginia University	2
History of Valley of Virginia	Col. A. P. White, Romney	1
Sketches of Virginia	do do	1
Peyton, W. M. Memoir of	John L. Peyton, Guernsey Channel Islands, England	1

Copies of the *Daily Wheeling Intelligencer*, *Daily Charleston Courier*, and *Tri-Weekly Wheeling Register*, and of nearly all the weekly journals in the State, as well as several from other States, have been cheerfully donated to the Reading Room of the University. We trust these are but the beginnings of larger gifts.

Museum, Apparatus, &c.

The University is in possession of apparatus requisite for thorough illustration of Chemistry and Physics.

Several valuable articles of apparatus have been obtained for the department of Astronomy and Physics, including a Smithsonian Barometer, by Greene, of New York; a Sextant, by Crichton, of London, and a Clock, with Zinc Compensation, by E. Howard & Co., of Boston. A 7 ft. Telescope has been constructed by John Byrne, of New York. It is equatorially mounted with right ascension and declination circles, and is a first-class instrument in every respect.

The School of History has been furnished, within the past year, with a large Map of the United States, and a fine set of Bretschneider and Spruners Historical Wall Maps, ten in number, from the German publishing house of Justus Perthes, of Gotha. Three of White's new Maps of West Virginia, have also been provided for use in different departments of the University.

The Museum contains extensive Mineralogical, Geological and Conchological cabinets, together with many specimens in other departments of Natural History. We request all who are interested in such matters to send suitable specimens for the Museum, especially Indian relics, shells, minerals, fossils and alcoholic specimens of animals. Such donations will be acknowledged and carefully labeled with the name of the donor. There are already over 2,000 specimens of minerals and fossils, and more than 2,300 of recent shells.

The vicinity of the University offers unrivalled advantages for the study of practical Geology. Especial attention will be paid to this branch.

The laboratory of Practical Chemistry is in operation. The instruction for the present is devoted chiefly to analysis, with its application to agriculture.

Donations have been received during the year, as follows:

1. Suite of Minerals and rocks, about 50 specimens, from the Smithsonian Institute.

1. Pair of Deer horns by Cephas Jacobs, Morgantown.

2. Specimens of Manganese ore by Col. Chambers from near Harpers Ferry.

Specimens of Silver ore from Colarado, by Dr. McLane, Morgantown.

An Indian relic, by Col. Dennis of Lewisburg.

Specimens of Philacteries; a cane of the Cedar of Lebanon; and an ancient Hebrew Scroll of the Book of Easther, by Lt. Chadwick, U. S. Navy.

Specimen of a root within a root, by Student Dawson, of Pennsylvania.

Specimens of old coins, by Mr. L. S. Hough and Dr. Lazier, Morgantown.

Specimens of old Continental Money, and old documents, by Dr. E. H. Coombs, Morgantown.

An Indian Stone axe, by J. Crowl.

A Knife found in an Indian Tumulus, by Student Tabler, of Jefferson Co.

United States Signal Station.

By direction of General Myer, Chief Signal officer of the Army, a signal station has been established at the University for the benefit of Commerce, Agriculture, and Science. It is, at present, in charge of Sergeant L. Dunne, S. S. U. S. Army. Students are by this means furnished with special advantages for the study of Meteorology and related subjects. The frequent and carefully recorded observations taken by means of the most improved instruments will furnish accurate and reliable data for, hereafter, estimating climatic changes in West Virginia. By this means also the newspapers, Boards of Trade, and River men generally, at Pittsburgh, Wheeling and Cincinnati, if they so desire, can be reliably advised of special movements in the river at the head of navigation.

Literary Societies.

There are two of these in connection with the University, furnished with suitable halls, tastefully furnished, and whose exercises in Composition, Reading, Orations, Debate and Criticism are, in many respects, of great advantage to the student. They also afford facilities for the study of, and acquaintance with Parliamentary forms, and the acquisition of business habits. The authorities of the University will afford every facility for increasing the accommodations and usefulness of these valuable auxiliaries.

Location.

Morgantown, the seat of the University, is beautifully located on the right bank of the Monongahela river, Monongalia County, West Virginia. The scenery around is exceedingly attractive and picturesque. The place has long been famous for its social, intellectual, and moral culture, and general healthfulness. Coaches leave every morning to and from Fairmont, on the Baltimore and Ohio Railroad. There is also a daily conveyance between Morgantown and Uniontown, Pa. Steamboats from Pittsburgh arrive every day at Geneva, twelve miles below Morgantown, and at Morgantown twice each week. Congress has made liberal appropriations for the continuance of slackwater navigation in the Monongahela as far as Morgantown. A place more eligible for the quiet and successful pursuit of Science and Literature is nowhere to be found.

Grounds and Buildings.

These are well situated, and admirably adapted to the purposes of the Universty. They are immediately outside, and within a few minutes walk, of Morgantown. The Grounds command a fine view of the village and of the surrounding country as far as the Western ranges of the Alleghany mountains. The Buildings are models of architectural beauty, capacity, solidity and convenient arrangement. In addition to UNIVERSITY HALL, the ARMORY has been recently finished and occupied. The central part of the NEW HALL, which already is greatly needed for the every day work of the University, and for which a liberal appropriation was made at the last session of the Legislature, has been put under contract and is now in process of construction. Grateful for the past its friends hope for a bright future for West Virginia University.

APPENDIX.

Through favor of his Excellency, John J. Jacob, Governor of West Virginia, the following reports, made at the time in each case indicated, and not hitherto printed, are allowed to accompany this issue of the Catalogue.

ANNUAL REPORT OF THE REGENTS

OF

WEST VIRGINIA UNIVERSITY.

To His Excellency,

Governor JOHN J. JACOB.

In obedience to a resolution of the Board of Regents of West Virginia University, the following report and the accompanying documents have been prepared for submission to your Excellency, that the same may be laid before the Legislature and printed.

Organization of the New Board.

In obedience to the act of the Legislature approved April 12th 1873, "The Board of the School Fund" appointed one Regent from each judicial circuit of the State as follows, viz:

No. of Circuit.	Name of Regent.	P. O. Address.
1	Geo. W. Faanzheim	Wheeling.
2	L. S. Hough	Morgantown.
3	Chas. J. Faulkner	Martinsburg.
4	H. S. Carr	Moorefield.
5	D. D. Johnson	Long Reach.
6	F. M. Chalfant	Weston.
7	H. S. Walker	Charleston.
8	A. F. Mathews	Lewisburg.
9	Isaiah Bee	Princeton.

The New Board held its first meeting at the University Hall commencing June 18, 1873, and was organized by the election of D. D. Johnson of Tyler county, as President and Geo. C. Sturgiss of Monongalia, as Secretary. The report of the President of the University and the report of the Executive Committee together with the accompanying papers, and all the Books, records &c. of the University were placed before or within reach of the Board and received due and careful consideration.

Condition of Grounds, Buildings &c.

Beside the residence of the janitor, a Magazine for powder and such Stores, and a building hitherto used chiefly for storing the Cannon and their Caissons we found on the grounds two other principal Buildings. These were the very fine University Hall already crowded to the utmost capacity of its Several Compartments, and the State Armory but recently finished and occupied. There is nothing provisional or incomplete about these buildings. They are well designed and well built, and seem admirably adapted to their purposes.

Collections and Endowment.

The fund derived from the Congressional grant, amounting originally to the sum of $80,000, was, at the time the Institution began, increased to $90,000 by the accumulation of interest and has been carefully husbanded and put to its proper use in the advanced education of the youth of the Commonwealth, and of the country. This has been increased by successive additions from the State to about $110,000, of permanent Endowment invested in 6 per cent currency United States Bonds.

The Board of Instruction.

In the Board of Instruction we were gratified to find gentlemen representing the best culture of the several sections of our Country, and some from the old World. These, we have reason to know and believe have worked together with wonderful harmony, ability, and devotion to more firmly establish and enlarge the sphere of the University. Some of them have undergone great labor, and have made some sacrifices, on behalf of the Institution. It will be remembered that every thing had to be created, every thing to be organized. This had often to be done under irksome and trying circumstances. We doubt if any of these able and cultivated gentlemen would claim that in matters so special and complicated as providing for University Education no mistakes had been made. We are free to say that these, if any, are few and inconsiderable, and that it only remains on the foundation already laid by these gentlemen and those who appointed and counselled them to go on and build up an Institution which in its very infancy compares so well in effeciency, equipment, and work, with many that are much older and more wealthy.

Catalogue and Students.

The Catalogue, (marked A,) which accompanies, and is a part of this report, shows very fully the programme for study pursued in the several departments of advanced Education already established in the University. It will be observed the curriculum is unusually full and complete, and we believe is fully and thoroughly taught. The Department of Literature, corresponding to the best of our courses of study in American Colleges, and the scientific department, are very successful, efficient and worthy of especial notice and commendation. Instruction is imparted in part by text-book and recitations, and in part by lectures more or less elaborate according to the subject and the judgment of the Professor in charge. Beside a careful Preparatory training each of the above courses requires four years earnest study and application for its accomplishment. A fine class of seven gentlemen in the former, and of six in the latter, was graduated during the session of the Board. It gave us special pleasure to observe that without any appearance of co-ercion or degrading police survillance the order and discipline of the University seemed nearly perfect. In nothing is our State more deficient at present than in its provision for good secondary Education as a preperation for the University. This has necessitated the establishment of a preparatory or academic department.

Intermediate Schools.

It has been a favorite object with the President of the University to encourage the establishment of intermediate or grammar schools in the principal communities of the State, or of classes in our graded schools preparatory to the University. A good beginning has, in several places, already been made in this direction. It is worthy the consideration of the Legislature whether special and specific aid should not be given to all such schools and seminaries as will undertake to do this work, and in proportion as they do it. In this way the conditions of the act of Congress can be fully met and the University relieved from a kind of work which does not so immediately belong to it. As a means of encouraging such schools, the Board ask the Legislature, to create four free scholarships not connected with the military department of the University for each judicial circuit, which shall be distributed, under the direction of the Board as prizes among the students who shall excell in scholorship in such schools, and thus without any additional expense both foster local schools and make them directly tributary to the prosperity of the University.

Military Drill and Labor Corps.

The Military Drill has proved so advantageous to the Corps of State Cadets that we could wish to see it more generally applied to the whole body of Students. In regard to its benefits, as set forth in previous Reports, we fully concur. No compulsion has been required in this matter and no feeling that drill is a "bore." Where this is the case it must arise from want of judgment and good management rather than from any intrinsic difficulty in harmonizing this requisition of the State, and of Congress, with the other work of the University. Each Regent is authorized to appoint four Cadets, making a Corps of thirty-six in all who receive their Education in any Department of the University free of cost for tuition, contingent charges, books and stationery. Young men of limited means are thereby considerably assisted in defraying their expenses. The Professor in charge of this Department is detailed from the Regular Army of the United States by the President, and without cost to the State, gives his services heartily to promote this interest. He asks, and the Board second his request, that a small money allowance, say $25, be made to each of the Cadets, making in all an aggregate of only $900. In consideration of the duties required at their hands this request seems not unreasonable.

The sum of $1,200 should be appropriated for the purchase of books for use of Cadets, and this expenditure need not be repeated as a full supply of books once secured for the Cadets, would only need to be renewed as they might be worn out in actual service.

A Labor Corps has also been organized every Spring Term, the members of which are by what they earn, aided somewhat in paying their way. The members of the Teachers Class, have received to a limited extent assistance from the "Peabody Fund." In these respects, and in its low rates of tuition, the University is a real boon to the poor young man who, by frugality and self-denial has to work his way to a good education. No Student suffers disparagement in the estimation of his Professors or his fellow students for having thus to depend on himself. The Students board at private houses in the town, or its neighborhood. Several of the very best citizens of the place have, we are glad to say, opened their houses in this way for the accommodation of Students. This system, beside relieving the University from the expense, trouble, and risk of keeping a Boarding house, is far superior to the old plan which crowds young men by scores into one dwelling. Every consideration of economy and of moral advantage favors the present arrangement. It would be a mistake to suppose this freedom relieves the Student from responsibility for either his moral conduct or his application to study. Nowhere, we believe, do incorrigible idleness, or vice feel more quickly or keenly the presence and power of authority than here.

Agricultural Education.

It is very desirable the University should do more for the promotion of Agriculture than has yet been accomplished. While the original grant of Congress was, in the words of the act, designed to "promote the liberal and practical education of the people in the several pursuits and professions of life", it is undeniable that the interests of the farming community were among the objects specially contemplated. These have been by no means neglected as may be seen in the several branches of study pursued in more than one Department of the University. But while its functions in regard to agriculture, as well as many other branches of industry, are already in great part performed by direct instruction in many subjects intimately related to them as well as by raising the general standard of intelligence and culture among the people, it is unquestionable that still more specific attention is expected and required to this great interest. This has been so well set forth in former reports of the Regents and of the President of the University that we need not here enlarge upon the same. The purchase of a few acres additional to those already belonging to the University would furnish ground sufficient for a small experimental farm which at no great cost would be of incalculable value to the interests of Agriculture, and would largely conciliate the regard and support of the great masses of our farmers. We earnestly ask for an appropriation in this direction. If in view of other urgent demands, this cannot now be made we suggest that the Regents be authorized, according to the provisions of the act of Congress approved July 2, 1862, to expend the ten ten per cent of the Congressional grant therein indicated, or so much thereof as, in their judgment, may be necessary and desirable for the purchase of an experimental farm. All that can be, should be done to make industrial pursuits attractive and desirable, to provide for their future chiefs the most liberal culture, and thus counteract the growing tendency to desert them for occupations only thought to be easier but in no respect more honorable or useful.

The New Hall.

The most immediate and pressing want of the University is the earliest possible completion and furnishing of the New Hall already in part provided for and under contract.

The urgency of this is becoming every day more and more apparent. The present buildings are already uncomfortably crowded, and the Professors are unduly cramped in their work. When Gen. Myer Chief of the United States Signal Service, detailed an officer and sent him with suitable instruments to establish a Station for our State at the University there was no place to locate his office except in the Library, and it has since had to be removed to another position only less suitable. There are Departments of instruction, in law and medicine especially, essential to the complete work of a University yet to be established, and for the accommodation of which there is at present abso-

lutely no room. Laboratories of practical science in chemistry, physics and metallurgy are only very partially provided, and in the stage of growth to which the Institution has attained are simply indispensible. The University, we are glad to say, is a living, *growing*, Institution.

It needs, and deserves, and will amply repay the fostering care of the State. It belongs to the State and no other institution has already made, or is likely to make, larger returns for the pittance expended in its establishment and maintenance. Plans and specifications for the construction of such a building as in the judgment of the Board, should at once be erected to supply the wants herein set forth were prepared by Mr. C. C. Kemble, architect, of Wheeling and with slight modifications suggested by the faculty, Executive Committee, or the Board, were approved, and notice given that sealed proposals for the construction of such a building would be received. After one postponement and new advertising, to give the largest publicity and elicit the greatest number of bids, the proposals were opened on the 27th day of August 1873, and contracts awarded for the work as follows, to Addison and Watts of Morgantown making and delivering brick's and to Klieves, Kraft & Co., of Wheeling the construction of the whole of the center building including all work and material, except bricks, according to plans and specifications, (copies of which accompany this report as a part hereof,) at the sum and price of thirty-seven thousand three hundred and eighty-six dollars, in manner and form as shown by the following order, adopted without dissent on the 28th of August, after mature deliberation:

"The Board having carefully considered the proposal of Klieves, Kraft & Co., of Wheeling, for the construction of the proposed new building, and deeming the same reasonable, but having no authority to contract for the same beyond the appropriations already made by the Legislature for that purpose, do hereby authorize and empower the Executive Committee to contract with said Klieves, Kraft & Co., for the erection and construction of said building to the extent that the Legislature has by its appropriations authorized said contract to be made, and so soon as the Legislature may hereafter make further appropriations for said building, or shall otherwise by express authority of law approve the proposal of said Klieves, Kraft & Co., then the said Executive Committee shall make such further and additional contracts with said Klieves, Kraft & Co., in accordance with their said proposal as may be proper for the completion of said building."

Klieves, Kraft & Co., accepted the award, in manner and form as set forth above, and have entered into contract, and commenced the work of constructing the building, and have made good progress, and if no delay should be occasioned by want of funds will complete the same by December 1, 1874, and in any event will carry out their contract to the extent of the money now on hand, including making and delivering bricks, and the contract of Klieves, Kraft & Co., to complete the building. the total cost of the centre building will not exceed $41,500.00. By reference to the report of the Executive Committee it will be seen that there is now on hand or shortly available for this work the sum of $22,500.00, leaving the sum of $19,000,00, as yet unprovided to couple the building. For this we respectfully ask the Legislature to make provision. If the whole amount cannot be appropriated out of the revenues of the fiscal year 1873-4, one half, or in case of necessity, the whole amount, might be made payable out of the revenues of the year 1874-5. The unanimity with which the Board, representing the various parts of the State, have undertaken this work, is a sufficient guarantee of its necessity and its importance to the whole State and its character as a State institution lifts it out of the category of local objects seeking State aid.

The Armory building was constructed by separate contracts for the foundation, and for the completion of the building, including work and all materials, except cut-stone work which was done by the foot. The total cost of the building will not exceed $3,500, and will require no additional appropriation.

Officers.

The following persons were constituted the Executive Committee for the ensuing year, viz: L. S. Hough, Resident Regent, *ex-officio* Chairman, and John A. Dille, James Evans, J. J. Fitch and D. H. Chadwick. Mr. A. W. Lorentz was elected Treasurer and E. Shisler elected Superintendent. W. R. Pastories was elected Janitor.

Professors.

The studies pertaining to the Chair of Astronomy and Physics were assigned as follows: Astronomy to the Professor of Mathematics and Physics; to the Professor of Agriculture, Chemistry and Natural History; and the Chair of Astronomy and Physics as a separate professorship abolished, to take effect at the close of the Fall Term of the present year.

A vacancy having occurred in the Chair of English Literature (the Professor, occupying which, is *ex-officio* Principal of the Preparatory Department) by the resignation of Professor J. B. Solomon, occasioned by his election to the Presidency of Jefferson College, Pa., the Board elected as Principal of that Department Professor F. S. Lyon. The Preparatory Department by the action of the Board is erected into a school of the University, with its own discipline and organization, under the special charge of the Principal, with two assistants, both graduates of the University, subject to the general supervision of the President. This, while giving greater efficiency to this Department, will allay some, not perhaps well founded, prejudices against such a Department in connection with the University, and which, however willing we might be, under more favorable circumstances in regard to preparatory schools throughout the State, to abolish, cannot at this time be dispensed with, without greatly impairing the usefulness of the University.

The increasing cares and responsibilities devolving upon the President of the University, rendered it impossible for him except by undue over work, to properly discharge the varied duties of Chief Executive officer, and at the same time to conduct such a full course of studies and recitations as belong to any one Chair, and for this reason, and to give more time for correspondence and travel in making known more widely the work and facilities of the University to our own people, and for the discharge of the duties specially pertaining to the Presidency, and following the example of the better class of colleges throughout the land, the President has been relieved from the regular work of any particular Chair, and will take charge of such studies only as the illness or necessary absence of any of the Faculty may require, or such as in consultation with them will not interfere with his other duties as Executive officer. John W. Scott, LL. D., D. D., was transferred from the Chair of Ancient Languages to the Chair of Mental and Moral Science, and elected Vice-President. Professor Robert C. Berkeley, A. M., of the University of Virginia, was elected to the Chair of Ancient Languages. Professor Berkeley comes highly endorsed by the Faculty of his *alma mater*, and many others who have knowledge of his success as an instructor, and the Board feel certain the choice will be justified by time.

The Board of Instruction.

In the Catalogue herewith submitted will be found a list of the Faculty and Teachers of the University:

We feel confident that West Virginia University has a corps of instructors of which even the oldest and most successful school of the country might be congratulated in possessing, and the sucess attending the administration of its government, the character of the graduates sent forth from its walls, and the high esteem in which the Institution is held by the people in whose midst it is located, as well as the rapidly growing confidence of the people at large in the character of the work done by it, are all sure guarantees of the wisdom of its management and of the firm basis of its future greatness.

In conclusion, the Board unanimously concur in the opinion that on the whole, the present condition of West Virginia University is one which must gratify its many friends. Such vigor and prosperity are seldom seen in institutions of no greater age, and every indication favors the idea that the success of the past is only an earnest of the larger outgrowth which, with good reason, may be expected in the future.

Respectfully submitted,

D. D. JOHNSON,

President of the Board of Regents.

WEST VIRGINIA UNIVERSITY, November 17, 1873.

ANNUAL REPORT OF THE PRESIDENT.

To the Board of Regents of West Virginia University:

The President of the University has the honor to submit the following report for the academic year 1872–73. It is also deemed proper to present, at this time, a brief resume of the history and development of the Institution.

The Beginning.

The act of Congress, approved July 2, 1862, establishing those National Colleges which in West Virginia laid the foundation of the State University declares the end of their creation is "*in order to promote the liberal and practical education of the industrial classes in the several pursuits and professions of life.*" By act of the Legislature, passed February 7. A. D. 1867, the State assumed, in compliance with the liberal conditions of the aforesaid act, the grave responsibility of doing its part to instruct and train the youth of the country on the generous and comprehensive scale therein indicated. It was made the duty of your predecessors "to establish such departments of instruction in literature, science, art, agriculture, and military tactics, including a preparatory department, as they might deem expedient, and as the funds under their control might warrant." They were also authorized to create "such other professorships as they might deem essential to the life and work of such an institution."

At their meeting June 26, A. D. 1867, the undersigned was inaugurated President, and rules and regulations for the government of the institution, and courses of study for its undergraduates, prepared by him, were adopted. At the same time he was made professor of Mental and moral philosophy, with Dr. John W. Scott as Prof. of Languages; Franklin S. Lyon, Prof. of English Literature; J. Riley Weaver, Prof. Mathematics and military tactics; and Samuel G. Stevens Prof. of Natural Science. The formal opening of the institution took place September 2nd. A. D. 1867.

Review of Results.

Great injustice has sometimes been thoughtlessly done the institution by comparing it with others that have been much longer in existence. It should be remembered that these had their beginnings—often very slow and feeble—and that through checkered scenes and stern discouragements

they have slowly reached their present greatness. The circumstances which surround, and the trials that await your State University are not dissimilar to those which marked their infancy. I need not remind you how almost entirely destitute the State was of proper facilities for preparing young men to pursue with advantage an advanced course of instruction in Literature, Science, Art, &c. Notwithstanding this the Board was at first induced to adopt a very thorough curriculum of Study, and to set the Standard of Education high—so high that with only very slight modifications it still remains the same, and is quite equal to the average of our *best* American Colleges. Yet so limited was the Student constituency of the State that during the first Term less than forty reported themselves for instruction and in that number, but six were found qualified for regular College Studies. During the second year from an attendance of over one hundred only fourteen Students were so admitted. This number was, during the third year, increased to forty-three; and has gone on steadily increasing until the present, shows an aggregate of sixty-two, or, including the Teachers Class about ninety advanced Students. During the same time, notwithstanding many and serious obstacles, a large class has also been maintained of young men pursuing their studies in the Preparatory Department of the Institution. When it is remembered that this is but the sixth year since the first beginnings were made, and only the fourth of our University life proper, I trust it will be seen, in this brief presentation of progress and review of work accomplished, that West Virginia University has not been established in vain or spent its strength for nought. Its development, indeed has been such that in view of all the circumstances it is perhaps not too much to say that it has been but seldom equaled and never surpassed. It freely invites comparison with any of its own age, and grade, and surroundings. I should also say that during the last four years the graduating Class has increased at the following rate, viz: In 1870, one; 1871, two; 1872, four; 1873, thirteen—making an aggregate of twenty alumni all of whom have very thoroughly completed the entire Curriculum of Study and received the honors of the Institution.

This, however, would be a very imperfect standard by which to measure the amount of good accomplished. The number of those who, to a greater or less extent, have been made partakers of the advantages of the University already amounts to hundreds; many of these with honor to themselves and advantage to the State have been, and are employed in various industrial pursuits, and public professions, and as Teachers in the Free Schools.

Quality of the Work Done.

It is due to the University, and to those who have labored for its advancement to say that these results have not been attained at the cost of thorough work, or of sound and careful culture. The constant effort has been not so much to do a great deal superficially as to accomplish wisely and well whatever has been undertaken. Above all things else it has been the aim of the authorities to establish and deserve a high character for honest and thorough discipline and study.

Our graduates are already in demand and at the highest rates, as Teachers, and in other positions of honor and usefulness. To those of you gentlemen, who have carefully examined the curriculum of study in the several departments; who have witnessed the honest and exhaustive examination to which our students are subjected; who are acquainted with the Board of Instruction, and know their high character as scholars and educators, and by your personal intercourse with our Students are acquainted with their deportment and attainments I could easily have excused myself from saying anything upon this subject. A desire to satisfy honest inquirers who fear that, because recent, our work may be less satisfactory than that done elsewhere, must excuse reference to these facts.

Means and Appliances.

It should not be lost sight of that the above, gratifying as it must appear, is still a limited survey of the situation. The Institution had not only to commence with but very few properly prepared Students; it had no adequate buildings, no library, no apparatus, no cabinets or museums: in short,

and in all these respects, had absolutely none of the means and appliances of efficient College work. In the brief time that has elapsed our fine *University Hall* has been built, and is well supplied not with old and useless lumber, but with the most recent and the best of all the above. I invite your attention not only to the quantity, and the quality, but also to the neat, convenient, and scientific arrangement of these in their several rooms and cases. In our Western States there are many, and in some of the States East and South of us there are some schools of age and note, that would be glad if, in these respects they were as well furnished as we are at this day with valuable *material* for literary and scientific work and study. With the exception of the chemical, physical and metallurgical laboratories our wants in most of these directions are such as from time to time can, by moderate and well considered outlay, be easily supplied—valuable additions continue to be made from year to year as is seen in our annual Reports, and in the successive issues of the Catalogue.

A complete sett of both of these I have the pleasure of laying before you. You find us, also, free from debt, or other incumberances, while at the same time a second building, the State *Armory*, designed especially for, and which will greatly facilitate the work of one of our leading departments, is ready for occupancy. Furthermore the means have been in part provided for that *New Hall* for which there is already urgent and immediate need, and the erection of which, it is hoped, it may be your pleasure to forward with all possible dispatch. In this connection it should also be remarked that the permanent endowment fund has not only not been encroached upon but has been very considerably increased. The large increase of students in the University classes proper has already been referred to.

Acknowledgments.

Much more might be said. I have only very briefly referred to a few of the more obvious and readily appreciated results. I am far from thinking that with more adequate means much more might not have been accomplished. But though still very far from perfection this brief review of results attained in so short a time cannot fail to suggest the kind of effort and attention required for their production, and to furnish substantial grounds of congratulation. It is useless to ignore the manifold and great obstacles encountered. Some of these are inseperable from any considerable undertaking; some, the result of the necessary imperfection of human reason and the liability of all to mistake, while some have arisen from ignorance, selfishness, or even wanton desire to injure. By divine assistance, and the generous and considerate aid of many friends it is to be hoped the most serious hindrances have been, in good degree, surmounted. It is with the profoundest gratitudue that, while some may have been watchful for mistakes, and perhaps anxious to induce them, I can at this time refer to the very large and disenterested co-operation of so many others. Some of this has been from without the bounds of the State. Words of cheer, and acts of kindness, in themselves of greatest value, and still more so in view of those from whome they came, have fallen like a benediction upon the University and those chiefly responsible for its organization and development. But from within the State, and without respect to place, or sect, or party has much of this proceeded. Especially to the gentlemen of the Press, the honorable faculty of medicine, the reverend clergy as well as those engaged in the profession of teaching, and of the law, are our acknowledgments due. From all these, and other classes, have arisen friends, some of them indeed personally strangers, who have wanderfully helped to overcome the great inertia incident to such an enterprise, to arouse the people from a State not so much of oppositiou as of indifference, to give the University right direction and momentum, and to get its just claims fairly before the people. It is not too much to say the Institution has earnestly and honestly sought to deserve the just confidence and patronage of these and of all the people of the State. Just in proportion as it becomes known does it command esteem and support.

Hinderances.

I beg leave, gentlemen of the Board, briefly to refer to one or two of the chief obstacles that yet remain. I congratulate you on the opportunity providentially offered by thorough and impartial examination of all the work and history of the University to effectually remove any honestly entertained doubts, whether arising from ignorance or misapprehension, of its true worth, character, and management. One of the most frequent, injurious, and unfounded charges is that of undue denominational influence and control. It has been said that the first Board of *Regents* or *visitors*, was composed of those attached to a single branch of the Church. The facts are that while the good will of all has been earnestly sought, at no time and in no respect, has membership in any of them been deemed indispensable. As nearly as can be ascertained not less than six of the religious denominations of the State were substantially represented in that Board. In the Board of *instruction* as at first organized one of the less numerous and three of the principal branches of the Church were represented, and about equally. Nearly the same proportion has been continued. The only effort, so far as effort in this direction has been made, has been, other things being equal, to secure representative men of other churches as often as the Board of Instruction has been enlarged: and in this and every other way endeavor to make the Institution acceptable to reasonable men of all views and feelings.

The Preparatory Department.

Some objections have grown out of the existence of an Academic, or Preparatory Department in connection with the University. Those who harp on this objection, are mainly such as misapprehend either our legal obligations, or the state of education among our people, or the relation of this to the other Departments of University. It should be remembered that the Congressional grant was provided for the common benefit of the people, not those occupied with the recondite mysteries of the law or of medicine, of theology, or of politics exclusively but for those also whose life-work is on the farm, and in the shop, and among the ordinary avocations of the world. Some of these contemplate only a thorough Academic Education, such as this Department supplies. Recognizing this obligation the Legislature, on the wise and patriotic principle of furnishing the greatest good to the greatest number, authorized the Board to establish such a school. Aside from legal obligations considerations of the soundest policy suggested such provision. The doctrine of the Institution with regard to this Department is expressed in the Catalogue. (See page — ,) and to it I ask your special attention.

It should also be said that of our advanced classes probably three-fourths have been furnished from this source, some of them, indeed, entered on Academic study with no great expectation of going beyond the Preparatory course, but have been gradually led on until nothing short of the best and the farthest the University affords satisfies them. This is entirely agreeable to the experience of the best Institutions of the land, most of whom had thus to make a beginning. It is due to our Preparatory students, as a class, to say that in orderly conduct, in earnest application to study, and every element of true manhood they compare favorably with those who are more advanced either here or elsewhere: For want of suitable accomodations the association of all the Departments, otherwise practically distinct, in one building has, hitherto, been simply a necessity. How long this shall continue or when the Preparatory course can be entirely dispensed with it is for you, gentlemen, as representatives of the people of the State, to say. Sure it is, as long as the arrangement exists the wisdom of all is, as of the other Departments, so of this, to make the most of it.

I trust we may look forward to the day when not only here but in every county of the State, there will be one or more Schools with classes organized and conducted preparatory to the State University. In this connection I would repeat and emphasize language employed in my Report of

the Board for 1871. "We can allow of no invidious distinctions between one Department, or Class of Students, and another. He who in the right spirit does the most and best work is deserving of most esteem. If there is any difference we should, if possible, have the best talent connected with that department where the mind is first taught to overcome the inertia which makes study so irksome—and trained to the wholesome and useful exercise of its own powers—where the pupils form those habits of attention, self-control, and self-reliance which constitute the highest humanity, and so large an element in their future progress and happiness. Here, if anywhere, learning, experience, sound and sensible methods, kindness, tact and all those qualities which win the affection and esteem of pupils, and aid in the, to them, too often painful and dispiriting beginnings of their course, are of paramount importance. If the foundation be well laid, a lofty, beautiful, and enduring superstructure is comparatively easy. So long then as existing conditions, and the necessities of the case, require us to maintain a preparatory department no just effort should be spared to enhance its importance, and to make it efficient and popular."

Adaptation to Actual Wants.

It is not unknown to you that the conditions of society, and especially of education, have been quite peculiar in West Virginia. Much of what we have here done is foundation work, the most important of all for the present, and valuable and productive for the future. It would be worse than folly, because of popular clamor, to neglect this for more superficial immediate, and apparent results. This has been the fatal rock on which so many attempts of this kind have been wrecked. Time and work, and utmost care are prime elements in the healthful, silent, steady growth of a University worthy of West Virginia. Nor would it be wise to immitate too exactly the spirit or the work of some older institutions. Many of these have descended from feudal times, or are copies of those so descended, and are too narrow, clanish, and exclusive for the actually pressing, and widely varied wants of our own day. Some of the very best, the richest, and most honored of these are being compelled to reform their courses and usages in order to keep step with the ideas and provide for the instruction and training which the present times require. The old ideal of college education has greatly declined in public estimation as is shown by the relatively diminished attendance on those that too strictly adhere to the former curriculum. It would not be necessary to go far to find striking illustrations of this fact. It does not follow that the grade of education should, or need, be in any degree inferior to what formerly obtained but that it should be better adapted in literature, Science &c. to actually existing wants. West Virginia University was inaugurated with the declaration that here "without discarding what is good, or undue attachment to what is relatively of little worth in the old; and neither ignoring the real advance, or hurrying after the follies of the new, the great object will be to render the several courses of study already ordered or which may hereafter be established at once as thorough and, at the same time, as practical as possible." To this the Institution has been ever true, and we trust will so continue.

Other Objections

Of less importance might be noticed. They are either such as have even less foundation than those already referred to, or are such as in short time found due correction. Men, in their own affairs, err in judgment and commit mistakes. Much more are they liable to do so in public matters. Gentlemen of independent thought may honestly and honorably differ as to what is best. But while it would be too much to expect in all just the right judgment, temper, and experience, and the same unselfish devotion to the interest of the work it gives me the greatest pleasure to testify to the high and honorable character of the gentlemen of the Regency, the Executive Committee, and

the Faculty, and the assistance rendered by them collectively and individually in the progress of this great enterprise. If wrong exists I know not of it. I esteem it a privilege to commend the University, in all its interests, to your vigilance, your prudence, your interest in and true regard for the same. Especially may I hope that under your watchful care it will still be kept free from the littleness and bitterness of sect and party spirit, and that the only rivalry will be to see who can do most to build up such an Institution as shall be a power for good in the State, the Nation, and the world.

During the Past Year.

The University has held on its way prosperously and efficiently. It has, in many respects, been one of the most successful in its history—distinguished by the presence of a large number of Students, the prevalence of such a high degree of order and discipline as is rarely seen in College Halls, and commendable progress in all the elements of Scholarship and Culture.

I respectfully refer you to the Catalogue for a very full exhibition of the organization, work and *personnel* of the University. The voluminous and satisfactory Reports of the several Professors, (marked B.,) I also lay before you, hoping it may be your pleasure to give due consideration to the suggestions and special requests contained in some of them. * * * It gives me great pleasure to bear witness of the ability and fidelity in instruction and discipline of all my colleagues in the Faculty. * * * * * * *

Rev. J. B. Solomon, A. M., Professor of English Literature and Principal of the Preparatory Department, having had tendered him the Presidency of Jefferson College, Pa., resigned his position here March 24, A. D., 1873. Professor Solomon was earnestly devoted to the interests of the University during his stay with us, and applied himself with great energy to the promotion of those interests. In his place the Executive Committee were fortunate in securing the services of Professor F. S. Lyon, A. M., formerly connected with the University. I recommend his election to the Chair of which he has been acting Professor.

The New Hall.

For which provision was so promptly made at the last session of the Legislature is already greatly needed and will be much more so before it can be ready for occupancy. I trust no time will be lost in putting it under contract. Should the plans for the same, submitted to you, be approved I recommend that the few modifications suggested by the faculty in the interior of the building be adopted. A copy of their action (marked D.) in connection with the drawings prepared by Mr. Kimble, accompanies this report.

Signal Station.

By direction of Genl. Myer, Chief Signal officer of the Army and in defference to a request made by myself, and endorsed by the Executive Committee, and by our whole delegation in congress, a signal station for the benefit of commerce, agriculture and science was established at the University January 16. A. D. 1873. The Executive Committee were glad to furnish every possible facility for the convenience of the officers in charge and for the proper location of his instruments but so strained are we for room that a part of the Library has to be temporarily occupied by him for an office. Students of meteorology, climatology, practical telegraphy, &c. will by this arrangment be furnished with special facilities for pursuing their work while the accurate determination by valuable and costly instruments, and the careful recording of various atmospheric phenomena will furnish data which may ultimately be of great value to the University and to the State at large. The previous detail of Capt. Pierce, and the liberal supply of ordinance, stores, and equipments, made by the authorities at Washington, and now the further, detail of another officer of the army and the establishment and equipment of this station, evidence their good will to our State and its institution and deserves proper acknowledgments. On the many advantages which these arangments at little cost afford our students I need not here enlarge.

Land Grants.

I had the pleasure of attending a national agricultural convention in Washington about a year ago called for the purpose of seeking further aid from congress on behalf of these National Colleges, and for the further purpose of considering how they could best co-operate with one another, and with the Departments of Education and agriculture. The convention was largely attended by many of the most influential and liberal minded men of the country. It was found that in nearly every case an immense amount of expensive work had been devoted on these Institutions to which the income of the land fund, even when supplemented by legislative grants, was altogether inadequate. It gave me pleasure to find from the discusions that our own Institution had happily avoided some of the mistakes that elsewhere seriously embarrased some much more liberally endowed. A chief result of the convention was the introduction into congress of a bill by Senator Moorill of Vermont proposing in the course of time to further aid these colleges.

The bill passed the Senate with but little opposition, and passed the House of Representatives with a slight amendment, to which I could see no serious objection. This was, however, so near the close of the session, and amid such a rush of business that it failed, in its amended form, to pass the Senate and there was no time for a Committee of Conference to act. I have no doubt something ultimately will be realized from this source and I respectfully advise that you ask the Legislature, as on a former occasion, to memorialize Congress on this behalf.

Our Wants.

Permit me gentlemen to urge all possible liberality towards the school of Agriculture, Chemistry and Natural History. This, as shown in former Reports has been by no means neglected, but it deserves and should receive still greater encouragement. If, indeed, Congress fails to further aid these Institutions it will, I am persuaded, be chiefly because of their failure in some cases to appreciate and develope that which is, and should be the leading interest of the above Chair. Let there no longer be any hesitation or reserve in taking steps for pushing more fully to the front the great interest of Education as related to Agriculture and the Mechanic arts so prominently contemplated in the law of Congress. I have so largely referred to this in former Reports that I need here only refer you to those.

Nor should you delay to take measures for the opening of Law and Medical Departments in the University. These Professions have a right to look for specific instruction in this Institution. Beside bringing in a special class of students, and retaining our own graduates for professional study it would in many ways be of advantage to the University. Why should our young men be compelled to visit other States for the benefit of Lectures, of a Moot Court, and such other aids as will enable them more fully to realize the importance, and to better enter on the practice of such high and noble callings? An Institution like this which contemplates the practical and liberal education of the Youth of the State and Country must, while it lives and grows, be constantly developing new and urgent wants. All cannot be overtaken at once. The elements of time, and means, are important and indispensible. The earnest interest of the Regents and their sound discretion must decide which of the Departments shall, from time to time, receive special attention, and how far. I am persuaded the time has fully arrived when the above can be no longer delayed without serious loss.

Geological, &c., Survey.

I respectfully suggest the propriety of petitioning the Legislature on behalf of a Geological, Topographical, and Natural History Survey of the State. Several partial movements have been made on this behalf. Some of them sufficiently whimsical, and others too local or interested to be of such general value as is desired. Beyond all question the Regents of the State University, and those at their command, are the parties through whom a reliable, authoritative, and impartial survey could

be made. With one Professor in charge of the Geological and Chemical, another in charge of the Botanical and Zoological, a third of the Topographical interests of such a work, and the addition of one or more thoroughly competent and enterprising Scientists, a beginning might well be made in a year from our present vacation. Other Institutions beside the University might secure complete Suites of the collections on condition of co-operating. A comparatively small appropriation through the intelligent liberality of the Legislature would go far to secure, without unnecessary delay, the accomplishment of an enterprise than which none other is of greater importance to the State. I take the liberty of submitting through you a form of Bill—simple, short, and comprehensive—for this purpose. Such a reconnoisance as would determine the general, character, position, trend, age, &c., of the formations, preliminary to a more detailed and exact Survey of the topography, soil, rocks, minerals and general resources of each county would, in itself, if properly executed, be of incalculable value. On every consideration of economy and completeness the Geology, Mineralogy, Botany, Zoology, and Topography should be combined in one Survey, and as soon as possible.

Free Education.

I would call attention to the provision for educating free of expense for tuition, books, stationery, or contingent charge, of four State Cadets from each Judicial Circuit of the State. An excellent opportunity of acquiring an Education at greatly diminished cost is thus brought within the reach of deserving and capable young men in different parts of the State. Applicants should enter with the purpose of completing one of the prescribed Courses of Study, and should apply directly to the Regent of the Circuit in which they reside. It is very desirable you make this regulation known, and fill up the quota from each Circuit as speedily as possible. Free Scholarships, without Military Drill, might also, to a limited extent, be furnished each Circuit, or even County.

General Statements and Recommendations.

This entire record, proceedings and files of the interior work of the University are in the office, and at your disposal

Graduates.

Messrs. Charles M. Babb, of Grant County.
Daniel W. Border, of Jefferson County.
James F. Brown, of Kanawha County.
Edmund T. Bullock, of Wood County.
Daniel B. Purinton, of Morgantown.
Marcellus L. Temple, of Monongalia County.
James T. Waters, of New York City.

having with credit to themselves and to the satisfaction of their teachers, accomplished the studies of the literary department of the University are, by vote of the faculty, recommended to receive the degree of bachelor of arts at your hands.

Messrs. Wm. Lee Roy Boughner, of Morgantown.
John T. Harris, of Ritchie County.
Charles P. Linch, of Wheeling.
Taylor B. McClure, of Lawrence County Ky.
Thomas H. Price, of Monongalia County.
Wm. T. Prichard, of Marion County.

having, in like manner, accomplished the studies of the scientific department are also by the same vote, recommended to receive the degree of "Bachelor of Science."

Mr. Marmaduke Herbert Dent having graduated to the first Degree of Liberal Arts at this Institution three years ago and having with honor to himself, devoted the intervening time to Professional Study is, by the Faculty, recommended to receive the Degree of Master of Arts.

Conclusion.

In conclusion it gives me pleasure to acknowledge the continuance of the liberal grant by General G. W. Brown, of Grafton, of Prizes for the Literary Societies. Those to whom they have this year been awarded are indicated in the Catalogue.

Also the receipt from Dr. Barnas Sears, Financial Agent of the Peabody Fund, through Hon. Charles S. Lewis, late State Superintendent of Free Schools, of five hundred dollars for the young gentlemen of our Teacher's Class. Beside other acknowledgments made in last issue of Catalogue, I should mention the very fine Organ, procured mainly at the expense of the Students and the Faculty, which adorns our Chapel.

Gentlemen, I commend with confidence, the interests of this great enterprise to your favorable regard and sound discretion; praying that He without whom nothing is good, or wise, or strong, may enable you to discern, and to do those things which will still farther promote the cause of advanced Education in the State of West Virginia.

Respectfully submitted,

ALEXANDER MARTIN,

President West Virginia University.

Morgantown, West Virginia, June 18, A. D. 1873.

ERRATA.

Owing to circumstances, not necessary to detail, some errors of the press occur. Most of these are such as the reader can easily correct. Some of the principal are

On page 51, instead of "now on hand including" read "now on hand. Including".

" " 52, instead of "of Mathematics and Physics; to the" read "of Mathematics, and Physics to the".

" " 57, fill blank, where wanting, with (See page 41).

" " 58, second line from top, for "mark" read "work".

" " 59, tenth line from bottom, for "strained" read "straitened".

" " 60, sixth line from top, for "devoted" read "devolved".

" " " tenth line from top, for "Mooril" read "Morrill".

CATALOGUE

—OF—

WEST VIRGINIA UNIVERSITY,

MORGANTOWN.

1875-6.

WHEELING:
JOHN W. GENTRY, PRINTER.

1876.

CALENDAR.

ACCORDING to an order of the Regents, August 11th, 1875, the College year includes forty-one weeks, and is divided as before, into three terms.

The FIRST TERM begins on the first Monday of September, and continues fifteen weeks.

There is then an interval of about two weeks including the Christmas holidays.

The SECOND TERM begins on the first Wednesday of January, and the THIRD, on the last Wednesday of March.

The ANNUAL COMMENCEMENT is on the fourth Thursday of June.

Prompt attendance at the beginning of each term is very important to the Student.

1876. June 15th.—Thursday, 9, A. M.—Annual Examination begins.
" " 16th.—Friday, 7½, P. M.—Regents' Prize Contest.
" " 18th.—Sunday, 3, P. M.—Baccalaureate Sermon, by the President.
" " 19th.—Monday, 7½, P. M.—Anniversary of the Columbian [Literary Society.
" " 20th.—Tuesday, 7½, P. M.—Anniversary of the Parthenon [Literary Society.
" " 21st.—Wednesday, 7½, P. M.—Address to the Literary Societies.
" " 22nd.—Thursday, 9, A. M.—COMMENCEMENT DAY.
" September 4th.—Monday, 9, A. M.—Examination of Candidates [for admission.
" " 5th.—Tuesday, 9, A. M.—Regular work of 1876-77 begins.
" December 19th,—Tuesday.—First Term ends.

Christmas Vacation of Two Weeks.

1877. January 3rd.—Wednesday, 9, A. M.—Second Term begins.
" March 28th,—Wednesday.—Second Term ends and Third Term begins.
" May 11th.—Friday.—Junior Exhibition.
" June 28th.—Thursday.—Third Term ends.
" " " COMMENCEMENT.

BOARD OF REGENTS.

No. of Circuit.	Name of Regent.	P. O. Address.
1	GEO. W. FRANZHEIM,	*Wheeling.*
2	L. S. HOUGH,	*Morgantown.*
3	CHAS. J. FAULKNER,	*Martinsburg.*
4	H. S. CARR,	*Moorefield.*
5	D. D. JOHNSON,	*Long Reach.*
6	F. M. CHALFANT,	*Weston.*
7	H. S. WALKER,	*Charleston.*
8	A. F. MATHEWS,	*Lewisburg.*
9	ISAIAH BEE,	*Princeton.*

Officers of the Board.

D. D. JOHNSON, PRESIDENT.
A. W. LORENTZ, TREASURER.
GEORGE C. STURGISS, SECRETARY.

Executive Committee.

L. S. HOUGH, CHAIRMAN.
JOHN J. BROWN.
JESSE J. FITCH.
DAVID H. CHADWICK.
HUGH W. BROCK.

Secretary.

GEORGE C. STURGISS.

Superintendent of Grounds and Buildings,

E. SHISLER.

FACULTY AND TEACHERS.

.....PRESIDENT,

PROFESSOR OF ASTRONOMY AND PHYSICS.*

REV. J. W. SCOTT, D. D., LL. D., VICE-PRESIDENT,

ACTING PRESIDENT, AND PROF. OF MENTAL AND MORAL SCIENCE.

WM. M. FONTAINE, M. A.,

PROF. OF AGRICULTURE, CHEMISTRY AND NATURAL HISTORY.

ROBT. C. BERKELEY, M. A.,

PROF. OF ANCIENT LANGUAGES AND LITERATURE.

E. T. C. RICHMOND, LIEUT. U. S. A.,

PROF. OF MILITARY SCIENCE AND MATHEMATICS.

J. W. V. MACBETH,

PROF. OF HISTORY, POLITICAL ECONOMY AND BELLES LETTRES.

JOHN I. HARVEY, A. M.,

PROF. OF MODERN LANGUAGES AND LITERATURE.

F. S. LYON, A. M.,

PRINCIPAL OF THE PREPARATORY DEPARTMENT.

*The Studies in this Chair have been temporarily distributed among the other Chairs.

Faculty and Teachers.

(Continued.)

D. B. PURINTON, A. B.,

ASSISTANT IN PREPARATORY DEPARTMENT AND INSTRUCTOR IN VOCAL MUSIC.

FRANK. WOODS, A. B.,

ASSISTANT IN PREPARATORY DEPARTMENT.

HUGH W. BROCK, M. D.,

LECTURER ON PHYSIOLOGY AND HYGIENE.

Hon. JOHN A. DILLE, A. M.,

LECTURER ON CIVIL AND CONSTITUTIONAL LAW.

Serg't L. DUNNE, Sig. Serv. U. S. A.,

METEOROLOGICAL OBSERVER AND INSTRUCTOR IN SIGNALING AND TELEGRAPHING.

WM. DANCER, Janitor.

ALUMNI.

1870.

DENT, MARMADUKE H., A. M.—Attorney-at-Law, Grafton, W. Va.

1871.

DILLE, OLIVER H., M. S.—Attorney-at-Law, Morgantown.

JOLLIFFE, WM. E., A. M.—Farmer, White Day, W. Va.

1872.

DRABELL, JOHN H., A. M.—Attorney at-Law, Des Moines, Iowa.

MCLANE, ALLEN E., A. M.—Commercial Traveler, Baltimore, Md.

SMITH, BENJ. W., A. M.—Student-of-Law, Minneapolis, Minn.

WHITE, ISRAEL C., A. M.—Assistant on Geological Survey of Penn., Morgantown.

1873.

BABB, CHAS. M., A. B.—Farmer, Greenland Gap, W. Va.

BORDER, DAN'L W., A. B.—M. D., Kearneysville, W. Va.

BOUGHNER, WM. L., B. S.—Attorney-at-Law, Morgantown.

BROWN, JAS. F., A. B.—Cashier Merchants' National Bank, Charleston.

BULLOCK, EDMUND T., A. B—L. L. B., Columbian Law School.

HARRIS, JOHN T., B. S.—Journalist, Florida.

LINCH, GEO. P., B. S.—Attorney-at-Law, Wheeling.

MCCLURE, TAYLOR B., B. S.—Prin. of Lawrence Academy, Louisa, Ky.

PRICE, THOS. H., B. S.—Student of Medicine, Jefferson College, Philadelphia.

PRICHARD, WM. T., B. S.—Attorney-at-Law, Fairmont, W. Va.

PURINTON, DAN'L B., A. B.—Tutor W. Va. University, Morgantown.

TEMPLE, MARCELLUS L., A. B—Attorney-at-Law, Osceola, Iowa.

WATERS, JAS. T., A. B.—Attorney-at-Law, Hempstead, L. I., N. Y.

1874.

CHADWICK, RIC'D. V., A. B.—Student of Law, Washington, D. C.

DEAN, JOHN S. W., A. B.—Prof. Ancient Languages, Penn. State College.

HOWELL, WM. M., A. B.—Prof. Ancient Languages, Amsterdam Female Seminary, N. Y.

JACOBS, THOS. P., A. B.—Student of Law, Morgantown.

LYNCH, CHAS. W., A. B.—Principal of Graded School, Burning Springs.

MORRAN, ELLSWORTH E., A. B.—Theological Seminary, Princeton, N. J.

WOODS, FRANK, A. B.—Tutor W. Va. University, Morgantown.

1875.

ADAMS, SAMUEL SHUGERT, A. B.—Medical Student, Washington, D. C.

DOLLIVER, R. H., A. B.—Teacher in Indiana.

DOLLIVER, J. P., A. B.—Teacher in Illinois.

GOLDEN, FRANKLIN A., B. S.—Teacher in New Orleans, La.

MARTIN, JAMES V., A. B.—Teacher in Indiana.

PETERSON, J. J., A. B.—Teacher, Buckhanon, Upshur Co.

PURINTON, A. L., A. B.—Teacher West Nottingham Academy, Md.

UNDERGRADUATES.

Seniors.

Anderson, John C.....Sci...Easton, Monongalia Co.
Frasher, Luke H.....Class...Tippecanoe, Fayette Co., Pa.
Hubbard, Harry Dana.....Sci...Wheeling.
*Ison, Willey Owens.....Class...Morgantown.
Kemp, Howard Mason. . .....Sci...Bloomington, Md.
Laidley, George Summers.....Sci...Charleston, Kanawha Co.
Nash, James Henry.....Sci...Buffalo, Putnam Co.
Ramage, Thomas C. .....Sci...West Milford, Harrison Co.
Wetzel, Daniel Elliott .....Class...Burning Spring, Wirt Co.

Juniors.

*Boyers, James S. .....Class...Randall, Monongalia.
Brown, William Gay.....Class...Kingwood, Preston Co.
Dille, Clarence B.....Class...Morgantown.
*Hawthorne, Joseph H.....Class...Randall, Monongalia Co.
Hood, Thomas M.....Class...Lowsville, Monongalia Co.
*Jacobs, William L.....Class...Morgantown.
Rogers, Daniel R.....Class...Morgantown.
*Smith, Everett C.....Sci...Spencer, Roane Co.
*Snively, Harry J.....Sci...Grafton.
Steele, John L.....Class...Morgantown.
Stewart, James P.....Sci...McCoy's Sta. Jefferson Co. O.

Sophomores.

Courtney, Alpheus F.....Sci...Randall, Monongalia Co.
Dayton, Alston Gordon.....Class...Philippi, Barbour Co.
*Lee, James McMillen.....Class...Holliday's Cove, Hancock Co.
Morgan, Benjamin S.....Class...Laurel Point, Monongalia Co.
Marsh, Enoch Jasper.. .....Class...Morgantown.

SOPHOMORES.—Continued.

Park, George W.....Class...Ravenswood, Jackson Co.
*Pifer, Felix C.....Class...Buckhannon, Upshur Co.
Rich, Daniel.....Class...Laurel Point Monongalia Co.
Staggers, Thomas B.....Opt...Morgantown.

Freshmen.

Chadwick, David.....Opt...Morgantown.
Drabell, Meigs Jackson..... ...Opt...Morgantown.
Haymond, Frank Thompson...Opt...Morgantown.
Holley, Elisha Walter.....Sci...Hamlin, Lincoln Co.
Johnston, Walter McDaniel.....Sci...Union, Monroe Co.
Protzman, Lowell Mason.....Class...Morgantown.
Reed, Charles Baguley.....Sci...Wheeling.
Sweeney, Andrew Thomas.....Opt...Wheeling.
Vandervort, Virgil.....Agr...Morgantown.
Wade, Spencer.....Opt...Morgantown.

Class.—Classical Course. Sci.—Scientific Course. Opt.—Optional Course. Agr.—Agricultural Course. *Conditioned.

PREPARATORY DEPARTMENT.

FACULTY.

REV. J. W. SCOTT, D. D., LL. D.,

ACTING PRESIDENT.

F. S. LYON, A. M.,

PRINCIPAL.

E. T. C. RICHMOND, LIEUT. U. S. A.,

Commandant of Cadets.

D. B. PURINTON, A. B., SEC'Y.,

Instructor in Vocal Music and Assistant.

FRANK WOODS, A. B.

Assistant.

Preparatory Students.

Second Year.

Capehart, John Clarence.....St. Albans, Kanawa Co.
Chapman, John Warner.....Warsaw, Indiana.
Davisson, Ithamar.....Webster, Taylor Co.
Dix, Philip Arthur.....Buckhannon, Upshur Co.
Fitch, Dorsey Plummer.....Morgantown.
Glascock, Jacob Luther.....Grafton, Taylor Co.
Grafton, Charles Edwin.....New Cumberland, Hancock Co.
Hammond, Dawson Edward.....Mt. Pleasant, Frederick Co., Md.
Hardie, John Robert.....Grafton, Taylor Co.
Hough, Walter..... .....Morgantown.
Houston, Waitman Willey..... "
Ison, Heber Allen..... "
Keck, Leonidas Virginius..... "
Macbeth, James Edward..... "
Marsh, Thomas..... "
Marsh, John Nelson..... "
M'Vicker, Emery Alvin..... "
Montgomery, Zack Jacob.....Lewisburg, Greenbrier Co.
Ramsey, Marion Cole.....Cassville, Monongalia Co.
Reed, John Thoburn..... .....Wheeling.
Richardson, David Rittenhouse...Pittsburg, Pa.
Robinson, Claud Ernest.....Patterson's Creek, Mineral Co.
Rogers, George.....Morgantown.
Steele, Wm. Alexander..... "
Vandervort, Bruce..... "
Woods, Samuel Van Horn.....Philippi, Barbour Co.
Zearley, Addis.....Point Marion, Fayette Co., Pa.

First Year.

Ankrom, Samuel Barnett.....Sistersville, Tyler Co.
Bassell, Burr.....Lost Creek, Harrison Co.
Coleman, Theodore Vankirk.....Morgantown.
Coombs, Wilber Dayton.....Easton, Monongalia Co.
Courtney, Mellville C.....Randall, Monongalia Co.
Davisson, Floyd.....Webster, Taylor Co.
Eakin, William S. T.....Granville, Monongalia Co.
Elliott, Adoniram Judson.....Reedsville, Preston Co.
Griggs, Millard.....Smithtown, Monongalia Co.
Hall, Jesse Jasper.....Morgantown.
Hustead, Ashbel Fairchild.. ..... "
Jones, Henry Clark.....Laurel Point, Monongalia Co.
Koontz Omer.....Morgantown.
Lamon, James Milton.....Mill Creek, Berkeley Co.
Lorentz, Charles Frederick.....Morgantown.
Mapel, Newton James.....Rosedale, Greene Co., Pa.
Mapel, Walter Peter..... " "
McCoy, William Leonard.....Granville, Monongalia Co.
Robinson, Albert Mosser.....Glade Farms, Preston Co.
Shean, Frank A.....Morgantown.
Smell, Albert.....Easton, Monongalia Co.
Snodgrass, David Sylvester.....Granville, "
Snodgrass, Jesse Marcellus..... " "
Snyder, Martin Luther..... " "
Stout, Benjamin Fillmore.....Bridgeport, Harrison Co.
Wagner, Florence Rahn.....Morgantown.
Waters, George Washington..... "
Wiley, John Wesley.....Wadestown, Monongalia Co.
Woodford, Alonzo Harvey.....Pleasant Creek, Barbour Co.
Wright, Palmon John..... .....Morgantown.

Recapitulation.

Seniors	9
Juniors	11
Sophomores	9
Freshmen	10
First Preparatory Students	30
Second Preparatory Students	27
Total	96

MILITARY DEPARTMENT.

FACULTY.

REV. J. W. SCOTT, D. D., LL.D.
ACTING PRESIDENT.

E. T. C. RICHMOND, LIEUT. U. S. A.
COMMANDANT.

Staff.

Cadet HARRY D. HUBBARD, Second Lieutenant and Adjutant.
Cadet GEO. S. LAIDLEY, First Lieutenant and Ord. Officer.

Commissioned Officers.

Cadet JAMES H. NASH, Captain.
Cadet WILLEY O. ISON, First Lieutenant.
Cadet GEO. S. LAIDLEY, First Lieutenant.
Cadet THOMAS M. HOOD, Second Lieutenant.
Cadet HARRY D. HUBBARD, Second Lieutenant.

Cadet JAMES M. LEE, Color Sergeant.

ROSTER OF STATE CADETS.

Cadet JOHN L. STEELE, First Sergeant.
Cadet GEO. W. PARK, Sergeant.
Cadet A. G. DAYTON, Sergeant.
Cadet E. G. MARSH, Sergeant.

DISTRICT.	NAME.	REMARKS.	ENLISTED.
I.	James M. Lee.....	Present for duty.....	Sep. 20, 1873.
	Charles B. Reed.....	Present for duty.....	Oct. 8. 1873.
	Charles E. Gratton..	Present for duty.....	Oct. 1, 1875.
	Andrew Sweeney...	Present for duty.....	Oct. 1, 1875.
II.	Benjamin Ramage'..	Honorably disch'd...	Sep. 4, 1874.
	Thomas M. Hood....	Present for duty.....	Dec. 30, 1872.
	John L. Steele.....	Present for duty.. ..	Sep. 5, 1873.
	J. H. Hawthorne....	Present for duty.....	Mar. 26, 1875.
	E. J. Marsh...	Present for duty.....	Oct. 18, 1873.
III.	Jas. W. Vandervort	Honorably disch'd..	Nov. 21, 1873.
	Geo. W. M. Tabler..	Resigned	Dec. 13, 1872.
	Claude S. Jarvis.....	Resigned.....	Mar. 19, 1875.
	Benj. S. Morgan.....	Present for duty.....	Oct. 1, 1855.
	John T. Reed.....	Present for duty.....	Nov. 5, 1875.
	Vacancy.....	....	
	Vacancy.....	....	
IV.	John D. Masters.....	Honorably disch'd...	Oct. 18, 1873.
	Claude E. Robinson	Present for duty.....	Sep. 9, 1874.
	B. F. Stout.....	Present for duty.....	Mar. 28, 1876.
	Daniel Rich.....	Present for duty.....	Nov. 5, 1875.
	Vacancy.....	....	.....
V.	Willey O. Ison.....	Present for duty.....	Oct. 20, 1870.
	Harry J. Snively....	Present for duty.....	Jan. 16, 1874.
	Geo. W. Park.....	Absent with leave...	Oct. 18, 1873.
	Samuel B. Ankrom.	Present for duty.....	Mar. 27, 1876.
VI.	J. S. W. Bailey.....	Honorably disch'd...	Sep. 17, 1874.
	M. E. Dent.....	Dropped from roll ..	Dec. 4, 1874.
	Alston G. Dayton...	Present for duty.....	Sep. 5, 1873.
	Felix C. Pifer,.....	Suspended.....	Dec. 13, 1872.
	Burr Bassell.....	Present for duty.....	Mar. 28, 1876.
	Vacancy	.....	.....

ROSTER OF CADETS.—Continued.

District.	Name.	Remarks.	Enlisted.
VII.	E. C. Smith	Resigned	Sep. 5, 1873.
	James H. Nash	Present for duty	Oct. 16, 1871.
	George S. Laidley	Present for duty	Sep. 5, 1873.
	John C. Capehart	Present for duty	Oct. 1, 1875.
	Vacancy		
VIII.	M. W. Chiddester	Honorably disch'd	Oct. 23, 1874.
	Benj C. McNutt	Honorably disch'd	Oct. 18, 1873.
	John W. Chapman	Vol. hon. disch'd	Sep. 25, 1874.
	Philip A. Dix	Present for duty	Sep. 29, 1874.
	Walter M. Johnston	Present for duty	Oct. 23, 1873.
	Z. J. Montgomery	Present for duty	Oct. 1, 1875.
	Vacancy		
IX.	B. B. Curry	Honorably disch'd	Sep. 5, 1873.
	Elisha Holly	Resigned	Sep. 4, 1874.
	*Edward Macbeth	Dropped from roll	Nov. 5, 1875.
	Harry D. Hubbard	Present for duty	May 22, 1874.
	Alpheus F. Courtney	Present for duty	Nov. 5, 1875.
	I. Davisson	Present for duty	Jan. 5, 1876.
	Vacancy		

*Failed to reach the stand of scholarship for cadets.

*Distinguished Cadets.--1875.**

Name.	Classical.	Military.
Alston G. Dayton	Classical	Military.
Felix C. Pifer		do
James H. Nash		do
George S. Laidley	Classical	do
Philip A. Dix	do	do
Harry D. Hubbard		do
James M. Lee	do	
Charles B. Reed		Military.
John L. Steele		do
E. J. Marsh	Classical	do
James W. Vandervort	do	do
Willie O. Ison	do	do
Harry J. Snively		do
George W. Park		do

*In accordance with regulations established for the government of the Corps, the above Cadets are reported as distinguished in the departments opposite their names, by reason of having attained a yearly average of 900 and upwards on a scale of 1000.

VOCAL MUSIC.

D. B. PURINTON, A. B., INSTRUCTOR.

Two years ago, the Regents added Vocal Music to the Studies of the University. It is open, free of charge, to students of all departments alike The course of Instruction embraces one year, as follows:

FALL TERM.—Rudiments and Elementary Practice.

WINTER TERM.—Rudiments Continued. Glee and Chorus Singing.

SPRING TERM.—Lectures on Harmony and Composition, Chorus Singing, Review, &c.

Students.

*Anderson, J. C.
Boyers, J. S.
*Coleman, T. V.
Courtney, A. F.
*Coombs, W. L.
*Dayton, A. G.
*Dix, P. A.
Eakin, W. S. T.
Elliott, A. J,
*Frasher, L. H.
*Hawthorne, J. H.
Hough, W.
*Hubbard, H. D.
Ison, H. A
Keck, L. V.
*Lee, J. Mc.
*Marsh, E. J.
Marsh, J. N
Rogers, D.
Rogers. G.
Smith, E. C.
Snyder, M. L.

*For Practice.

TELEGRAPHING AND SIGNALING.

L. DUNNE, Serg't Sig. Ser. U. S. A.,
Instructor.

Name.	Telegraphy.	Signaling.
Laidley, G. S.	Telegraphy.	Signaling.
Pifer, F. C.	do	
Ison, H. A.	do	Signaling.
Lorentz, C. F.	do	
Grafton, C. E.	do	
Reed, J. L.	do	
Hustead, A. F.	do	
Hall, J. J.	do	Signaling.
Capehart, J. C.	do	
Brown, W. G.	do	
Hammond, D. E.	do	
Kemp, H. M.	do	
Macbeth J. E.	do	

Requisites for Admission.

I. All candidates for admission to any Department of the University, must present satisfactory evidence of good Moral character.

II. Students coming from other Colleges must produce certificates of honorable dismission from the same. No admission to the Senior Class is allowed after the beginning of the Second Term.

III. Those entering as Students for a Degree in any Department of the University, must sustain an examination in the various studies of the Preparatory School of the University, or their equivalent.

IV. Candidates for advanced standing must sustain an examination in the previous studies of the Department which they desire to enter.

V. The regular examination for admission of candidates, who have not pursued the preliminary studies in the Preparatory School of the University, will take place on Friday, succeeding Commencement, and on the first day of the First Term.

VI. Candidates should procure a copy of the printed laws of the University, also the Treasurer's receipt for tuition, before presenting themselves for enrollment.

VII. Applicants for admission to the Preparatory Department must stand an approved examination on spelling, reading, writing, modern geography, elements of English grammar, and arithmetic through common fractions.

VIII. Students are required to pronounce Greek and Latin according to the so called Continental method.

COURSES OF STUDY.

The instruction thus far provided for in the University is embraced in six departments, viz: The Classical, Scientific, Agricultural, Engineering, Military; and for those desiring to qualify themselves for regular admission to any of these, a Preparatory Department. No study has been dropped from any of these departments, but the method of stating what is required in each, has been simplified in the present Catalogue.

I.

CLASSICAL DEPARTMENT.

The studies in this Department, required for the Degree of Bachelor of Arts, are as follows:

Freshman Year.

First Term.

Virgil—Bucolics and Georgics; Prose Composition. Gildersleeve's Grammar and Exercise Book.
Herodotus; Greek Prose Composition and Greek Grammar.
Universal History—Anderson.
Universal Algebra—Robinson.
Elocution.

Second Term.

Horace—Odes and Epodes; Latin Prose Composition (continued.)

Homer—Iliad; Greek Prose Composition (continued.)
English Literature—Shaw.
Geometry (completed); Solid and Plane Trigonometry (commenced.)
Elocution.

Third Term.

Cicero—De Senectute and De Amicitia; Exercises in Latin Prose Composition.
Homer—Iliad: Prose Composition.
Constitution of the United States and of West Virginia.
Plane Trigonometry (Completed); Spherical Geometry and Trigonometry.
Elocution.

Sophomore Year.

First Term.

Xenophon—Memorabilia; Exercises in Greek Composition.
Rhetoric—Haven.
Mensuration; Surveying; Navigation.
Chemistry, Inorganic,—Eliot and Storer.
Elocution.

Second Term.

Horace—Satires and Epistles; Exercises in Latin.
Logic—Coppee.
Composition.
Analytical Geometry (First Part), and Differential Calculus—Olney's.
Chemistry—Organic.
Elocution.

Third Term.

Livy—Lincoln; Exercises in Latin Composition.
Plato—Crito and Apology; Exercises in Greek Composition.
Botany—Gray.
English Philology.
Elocution.

Junior Year.

First Term.

Euripides' Alcestis; or French.
Mental Philosophy: The Intellect—Haven, and Lectures.
Physics, General Principles—Solids and Fluids.
Analytical Geometry (Optional.)

Second Term.

Tacitus—Germania and Agricola; Latin Composition; or French.
Mental Philosophy: The Sensibilities and the Will—Haven, and Lectures.
Physics—Pneumatics, Acoustics, Optics.
Integral Calculus. (Optional.)
Zoology—Nicholson.

Third Term.

Demosthenes on the Crown, with Written Exercises; or French.
Physics—Heat, Correlation of Forces, Electricity.
Political Economy—Perry.
Human Anatomy and Physiology—Draper.

Senior Year.

First Term.

Cicero—De Officiis, with Written Exercises on Historical Subjects; or German.
Moral Philosophy—Gregory.
History of Civilization—Guizot.
Geology, Lithological, Dynamical and Historical—Dana.

Second Term.

Sophocles—Œdipus Tyrannus; or German.
Elements of Criticism—Lord Kames.
Astronomy, XII. Chapters—Loomis.
International Law—Woolsey.

Third Term.

Tacitus—Annals; or German.
Astronomy. (Completed.)
Butler's Analogy, Natural Theology and Alexander's Evidences of Christianity.

If, in this Department, the student selects the French or German instead of the Latin or Greek, he shall be required to study them respectively during three successive Terms, and such selection must be made at the beginning of the Junior or Senior Year. The text books for the Junior Year are the same as those of the Scientific Freshman, and for the Senior Year, the same as Junior Scientific.

II.

SCIENTIFIC DEPARTMENT.

The studies in this department required for the Degree of Bachelor of Science are the following:

Freshman Year.

First Term.

University Algebra—Robinson.
French—Languellier and Monsanto's French Course.
Universal History—Anderson.
Chemistry (Inorganic)—Eliot and Storer.
Elocution.

Second Term.

Geometry (completed), solid and plane trigonometry commenced.
French—French Course continued; Smith's French Principia, Part II.
English Literature—Shaw.
Chemistry (organic.)
Elocution.

Third Term.

Plane Trigonometry (completed)—Spherical geometry and Trigonometry.
French—French Course completed, Principia II., Telemaque, (Surenne's.)
Constitution of the United States and of West Virginia.
Botany—Gray's School and Field Book.
Elocution.

Sophomore Year.

First Term.

Mensuration, Surveying and Navigation—Robinson.
French--Voltaire, Charles XII., French Grammar and exercises.
Rhetoric—Haven.
Physics, General Principles—Solids and Fluids.
Elocution.

Second Term.

Analytical Geometry (First Part) and Differential Calculus.
Logic—Coppee.
Chemical Analysis.
Physics—Undulations, Acoustics, Optics, Problems.
Elocution.

Third Term.

Analytical Geometry (Second Part) and Integral Calculus.
French—Moliere's Misanthrope, French Grammar and Exercises.
Physics--Heat; Magnetic, Statical, and Dynamical Electricity.
Elocution.

Junior Year.

First Term.

Meteorology—Loomis.
German—Worman's German Grammar.
Mental Philosophy, The Intellect--Haven, and Lectures.

Second Term.

Analytical Mechanics—Peck.

German—German Grammar continued, German Reader.

Zoology—Nicholson.

Mental Philosophy—The Sensibilities and the Will—Haven, and Lectures.

Third Term.

Analytical Mechanics (Completed.)

German—Grammar completed; Schiller's Jungfrau or Maria Stuart

Political Economy—Perry.

Human Anatomy and Physiology—Draper.

Senior Year.

First Term.

Moral Philosophy—Gregory.

German—Goethe's Iphigenia in Tauris, or Egmont; Whitney's Grammar and Exercises.

History of Civilization—Guizot.

Geology—Lithological, Dynamical and Historical—Dana.

Second Term.

International Law—Woolsey.

German—Fouque's Undine; Whitney's Grammar and Exercises.

Elements of Criticism—Lord Kames.

Astronomy—Descriptive and Physical.

Third Term.

Butler's Analogy; Natural Theology; Alexander's Evidences of Christianity.

German (Optional)—Evans' German Literature; Grammar and Exercises.

Practical Astronomy—Calculation and Construction of Eclipses, verified by the Nautical Almanac.

Physical Geography—Guyot.

III.

DEPARTMENT OF ENGINEERING.

The studies in this Department for the first, second and third years are the same as in the Scientific Course. For the Senior year they are as follows :

First Term.

Civil Engineering—Mahan.
Moral Philosophy—Gregory.
Geology—Lithological, Historical and Dynamical—Dana. Geological Exercises.

Second Term.

Military Engineering—Mahan.
Astronomy—Descriptive and Physical.
International Law—Woolsey.
Elements of Criticism—Kames.

Third Term.

Gillespie on the Location, Construction and Improvement of Roads, and Railroads.
Astronomy—Practical.
Butler's Analogy; Natural Theology and Alexander's Evidences of Christianity.
Physical Geography—Guyot.

The studies of the modern languages are the same as in the Scientific Course.

In addition to the text books prescribed to the students of modern languages, they are required to read a prescribed course of Literature and write exercises, both by dictation and translation, in French and German.
Physical Geography—Guyot.

IV.

MILITARY DEPARTMENT.

First Year.

First Term--Infantry Tactics: School of the Soldier.
Second Term—Infantry Tactics: School of the Company.
Third Term--Infantry Tactics: Bayonet Exercises.

Second Year.

First Term—Infantry Tactics: School of the Battalion.
Second Term—Cavarly Tactics: Sabre Drill.
Third Term—Target Practice: Artillery and Small Arms.

Third Year.

First Term—Infantry Tactics and Practice.
Second Term—Artillery Tactics: Field Fortifications.
Third Term—Target Practice: Heavy and Field Artillery.

Fourth Year.

First Term—Infantry Tactics: School of the Brigade.
Second Term—Ordnance and Gunnery.
Third Term—Advance Guard and Outpost Duty.

Dress Parades, Reviews, Inspections and Guard Mountings are held as often as is deemed expedient throughout the entire course.

The other studies in this department are those of the Classical or the Scientific Department respectively.

V.

AGRICULTURAL DEPARTMENT.

The studies of this Department are, at present, embraced in a two years' course. Students having creditably completed this course, will be entitled to receive a certificate to that effect.

First Year.

First Term.

Inorganic Chemistry.
Physics—Solids and Fluids.
General History.
French or German (optional.)

Second Term.

Organic Chemistry: Zoology.
English Literature.
French or German (optional.)

Third Term.

Botany and Vegetable Physiology.
Heat, Magnetism and Electricity.
Plane Trigonometry.
Constitution of the United States and of West Virginia,

Second Year.

First Term.

Analytical Chemistry, Geology, Meteorology.
Chain and Compass Surveying.

Second Term.

Analysis of Soils: Entomology.
Astronomy.
French or German (optional.)

Third Term.

Allen's Farm Book.

Gillespie, on Roads and Road Making.

Political Economy.

Natural Theology.

The Subjects for Lectures during the Course, are the following:

First Year.

First Term.

The Chemistry, Structure and Physiology of Plants.

On the Water, Atmosphere and Soil as related to Vegetables.

On Tillage, Draining and Manuring.

Second Term.

On Domestic Animals and their Digestion, Respiration, Assimilation and Excretion.

On the Composition, Preparation and value of different kinds of Food.

On Milk, Butter, Cheese, Flesh and Wool as Agricultural Products.

Third Term.

On Horticultural and Kitchen Gardening.

On the Propagation, Training and Culture of Fruit Trees, the Vine, Small Fruits and Vegetables

Second Year.

First Term.

On the staple grain, forage, root and Fibre crops of this and adjoining States, and their varieties, and the best soils adapted for them.

On the preparation of soil, seeding, cultivating, harvesting and preparing for market.

On the Origin and Natural History of Domestic Animals.

On Entomology and the Insects useful and hurtful to Vegetation.

Second Term.

On the raising, care, characteristics and adaptation of different breeds of Domestic Animals.

On Cattle for beef or draught, and Sheep for wool or mutton.

On Horses, Swine and Poultry.

On Pasturing, Soiling and Stall Feeding.

On Tobacco, Hops and Forestry.

Third Term.

On Rural Economy.

On the History of Agriculture, with sketches of the same in ancient and modern times; and in foreign lands.

On the adaptation of Farming to soil, climate, market, and other natural and economical conditions.

On the different systems of Husbandry, such as stock, sheep, grain and mixed farming.

SCHEDULE OF DAILY RECITATIONS—FIRST TERM.

	Class.	First Hour.	Second Hour.	Third Hour.	Fourth Hour.	Fifth Hour.
Class.	Senior	Moral Science.	Latin or German.	History of Civilization.	Geology.	
	Junior		Physics.	Mental Philosophy.	Greek or French.	
	Sophomore	Surveying.	Greek.	Chemistry.	Rhetoric.	Elocution.
	Freshman	History.	Algebra.	Latin.	Greek.	Elocution.
Sci.	Senior	Moral Science.		History of Civilization.	Geology,	German.
	Junior	Meteorology.	German.	Mental Philosophy.		
	Sophomore	Surveying.	Physics.	French.	Rhetoric.	Elocution.
	Freshman	History.	Algebra.	Chemistry.	French.	Elocution.

SECOND TERM.

	Class.	First Hour.	Second Hour.	Third Hour.	Fourth Hour.	Fifth Hour.
Class.	Senior	International Law.	Elements of Criticism.	Astronomy.	Greek or German.	
	Junior	Zoology.	Mental Philosophy.	Latin or French.	Physics.	
	Sophomore	An'l Geom. & Calculus.	Latin.	Logic.	Chemistry.	Elocution.
	Freshman	English Literature.	Geometry.	Greek.	Latin.	Elocution.
Sci.	Senior	International Law.	Elements of Criticism.	Astronomy.		German.
	Junior	Zoology.	Mental Philosophy.	Analytical Mechanics.	German.	
	Sophomore	An'l Geom. & Calculus.	Chemical Analysis.	Logic.	Physics.	Elocution.
	Freshman	English Literature.	Geometry.	French.	Chemistry.	Elocution.

THIRD TERM.

	Class.	First Hour.	Second Hour.	Third Hour.	Fourth Hour.	Fifth Hour.
Class.	Senior	Natural Theology	Butler's Analogy.	Latin or German.	Astronomy.	
	Junior	Greek or French.	Anatomy.	Physics.	Political Economy.	
	Sophomore	English Philology.	Latin.	Greek.	Botany.	Elocution.
	Freshman	Greek.	Trigonometry.	Constitution U. S.	Latin.	Elocution.
Sci.	Senior	Natural Theology.	Butler's Analogy.	Physical Geography.	Astronomy.	
	Junior	Analytical Mechanics.	Anatomy.	German.	Political Economy.	
	Sophomore	Chemical Analysis.	French.	Physics.	Int. Calculus.	Elocution.
	Freshman	French.	Trigonometry	Constitution U. S.	Botany.	Elocution.

PREPARATORY DEPARTMENT.

First Year.

First Term.

Geography—Guyot's Common School; Map Drawing.
Arithmetic—Stoddard's Complete.
English Grammar—Etymology.
Latin—Commenced.

Second Term.

Geography—Guyot continued; Map Drawing.
Arithmetic continued.
Eng. Grammar—Syntax.
Latin—Grammar and Reader.

Third Term.

Arithmetic—Completed.
English Grammar—Analysis of Sentences.
Latin—Grammar and Readers.
Greek—Bullion's First Lessons.

Second Year.

First Term.

Algebra—Robinson's Elementary, to Involution.
Book keeping.
Cæsar—Latin Grammar.
Greek—Grammar and Reader.

Second Term.

Algebra—Robinson's Elementary, Completed.
History of the United States—Anderson's.
Cicero's Orations—Bullion's; Latin Grammar.
Greek—Grammar and Reader.

Third Term.

Geometry—Robinson, First Five Books.

History of the United States—Completed.

Virgil—Three Books of Æneid; Latin Grammar.

Xenophon's Anabasis; Greek Grammar.

Regular lessons in Writing, Spelling, Elocution and English Composition from beginning.

The Course preparatory to the Scientific, the Engineering and the Military Departments is the same as the above with the substitution of Citizen's Manual, one term, Cutter's Physiology, two terms, and Watts on the Mind, one term, respectively, for the studies in Greek

The studies preparatory to the Agricultural Department are as follows:

First Term.—Algebra; Arithmetic; Grammar; Geography.

Second Term.—Algebra; Arithmetic; Grammar; History U. S.

Third Term.—Geometry; Arithmetic; Grammar; History U. S.

SCHEDULE OF DAILY RECITATIONS.

PREPARATORY DEPARTMENT.

FIRST TERM.

YEAR.	FIRST HOUR.	SECOND HOUR.	THIRD HOUR.	FOURTH HOUR.	FIFTH HOUR.
SECOND YEAR.....	Algebra.	Greek Reader, or Physiology Comp.	Cæsar.	Book Keeping.	Reading or Writing.
FIRST YEAR.....	Geography.	English Gram'r, 1st " " 2d.	Latin Lessons. Latin Lessons.	Arithmetic.	

SECOND TERM.

SECOND YEAR.....	Algebra.	Cicero.	Greek Reader or Physiology Comp.	History U. S.	Reading or Writing.
FIRST YEAR.....	Geography.	Latin Reader. Latin Reader.	Arithmetic.	English Grammar.	

THIRD TERM.

SECOND YEAR.	History U. S.	Anabasis, or Watts on the Mind.	Virgil.	Geometry.	Reading or Writing.
FIRST YEAR.	Arithmetic.	Greek Lessons, or Citizen's Manual.	Latin Reader. Latin Reader.	English Grammar.	

GENERAL REMARKS.

Origin of the University.

The subject of advanced education has been in various forms before the people of West Virginia for years, but without any liberal provision having been made for the same until quite recently. The Constitution of the State makes it the duty of the Legislature to "foster and encourage Moral, Intellectual, Scientific and Agricultural improvement; and to make provision for the organization of Such institutions of learning as the best interests of general education may demand. The National Congress having donated certain lands "in order to promote the liberal and practical education of the industrial classes in the several pursuits and professions in life," the Legislature accepted the same, and appointed a Board to organize the Institution, with instructions to "establish Departments of Education in Literature, Science, Art, Agriculture and Military Tactics—including a Preparatory Department.

Endowment and Funds.

The proceeds of the sale of Congressional lands amounted to $90,000. The citizens of Morgantown contributed in grounds, buildings and money, about $50,000. The Legislature realizing the necessity and immense value of such an institution, its incalculable worth to the youth of the Commonwealth and of the country, has increased the endowment to about $110,000, with annual appropriations for current and contingent expenses. As no part of the Congressional grant can be applied to the erection of buildings (one-tenth only being allowed for the purchase of

an experimental farm), the Legislature has also made provision for the supply and keeping in order of such buildings as the growth of the institution may, from time to time, demand. Every interest of West Virginia requires that she furnish her sons the best possible educational advantages within her own borders.

Name and Government.

At the beginning, in common with some other National Colleges, it was simply called the "Agricultural College." Having been, however, fully adopted by the State, and the means originally supplied to aid in its establishment being further supplemented by the Legislature, an act was passed, pursuant to the recommendation of the Governor, ordering that it should thereafter be known by the style and designation of "WEST VIRGINIA UNIVERSITY." It is under the immediate oversight of a board of nine Regents, one from each judicial circuit, appointed by the State and required to report annually, through the Governor, to the Legislature. The bitterness of partisan and sectarian disputes is excluded from its Halls, and every effort made to secure to each student the full advantage of a broad and manly culture.

Scope.

This is entirely in accord with the original design of the institution, as seen in the first paragraph of these "General Remarks." The act of Congress contemplated the founding of institutions that would furnish not only "*practical*" but also "*liberal* education—education "in the several *pursuits*," and just as certainly "in the several *professions*" of life. It forbids the exclusion of "classical studies," and requires attention to Agricultural and Mechanical Education, Military Tactics, &c, The act of the Legislature contemplated a school of general instruction, and directed the Board to organize several distinct departments, as above enumerated, in the interest of the *people* of the State and of the Nation.

We trust that in the extent and in the quality of its work, and the thoroughness of its discipline and culture, as well as adaptation to the demands of the age, the UNIVERSITY will prove itself deserving of no second rate position among the institutions of our land. It designs, by its instruction in Literature and Art; in Language, ancient and modern; in Mathematics, pure and applied; in the Sciences, agricultural, physical, mental, moral and social; by its recitations, lectures, examinations and elevating influences, to educate, inform and discipline the student's mind; to strengthen his moral principles, and supply such general and generous, as well as special, culture as will best prepare him for success and usefulness in any pursuit or profession in life.

Opportunities Afforded.

The work which the University is accomplishing can be readily understood from the Courses of Study prescribed in each of the Departments as already set forth.

We call special attention, however, to some features of the following Departments, viz:

The Agricultural.

Young men who desire to study only such branches as will enable the Farmer to pursue his calling with intelligence and profit will here find, at small expense of time or means, all they need in the way of a sound, practical education. They are not required to study any language but their own, nor go in mathematics farther than land surveying. Those deficient in elementary studies must spend at least one year in Preparatory studies before entering this Department.

The Military.

The law provides that four Cadets may be appointed for each Judicial Circuit in the State. These are educated free of cost for tuition, books, stationery, &c. For such as desire a military and engineering education, this department is provided. Cadets,

however, are not limited to this but may pursue their studies in any Department of the University, subject to the general regulations laid down in the Code for the Cadets. Other students are permitted to drill, on condition that they provide themselves with the neat and becoming uniform of the Corps. Drill occupies one hour on each of four days in the week. The United States Government liberally furnishes the special supplies required for this department. These are of the latest and most improved construction.

Applicants for admission to the Corps should address the regent of the Judicial circuit in which they reside.

The Preparatory.

But comparatively few of our young men in West Virginia have home advantages for properly and fully preparing themselves to enter upon regular College studies. This Department has proved a fruitful source of supply for the higher classes, and also the means of maintaining an elevated grade of preliminary scholarship for admission to them. As the High Schools, Academies and Graded Schools of the State increase in number and efficiency in the same proportion will the necessity of this Department diminish. Meanwhile, and until their increase and fuller development, it cannot be dispensed with without lowering the standard of Collegiate Study proper, or shutting out from the advantages of the Institution many of the best and most promising young men of the State. Nowhere else can young men be better prepared for advanced studies, or, if this is not contemplated, accomplish more thoroughly and advantageously such studies as are here provided.

Those who do not contemplate a full course, can also here be furnished with instruction in such preparatory studies as they may desire to pursue.

An Optional Course is allowed those students whose special tastes or necessities prevent them from graduating in any of the regular Departments. Parents and guardians of students who

expect to attend the University are, however, earnestly advised to direct their studies with a view to entering one of the regular Departments. The attention of those who teach in our intermediate schools is also respectfully invited to this suggestion.

During the Spring Term of each year (beginning on the last Wednesday of March), unusual facilities are provided for all who may desire, either to take a short and limited course, or to fit themselves for the higher grades of teaching, clerking, or other *specialties*. All needed assistance in this work being rendered by the several Professors of the University, superior advantages are thus afforded to all comers.

Examinations.

I. Each student at the close of the Term shall stand a public written examination upon all the studies which he has pursued during that Term. No student shall be excused for non-attendance on such examinations, except upon presentation of a reason which may be considered valid by the Faculty. No student who may be absent, and not thus excused, shall be allowed to continue in connection with the University. If at the close of any Term a student shall have failed to attain a standing of 6, on a scale of 10 owing to a failure in examination, he shall be informed of the fact, and he may be allowed to stand a special examination under the same Committee at any time before the beginning of the next College year.

II. The examination of each class shall be conducted by a committee composed of *three* members of the Faculty, who shall, within three days next preceding the examination, select a series of questions, not less than nine nor more than fifteen in number, and submit the same in writing to the class at the time of examination.

III. After examination the committee shall examine the papers and determine the standing made by each student in examination, which shall be considered the equivalent of one month's standing in recitation.

IV. Before a student shall be entitled to enter a higher class he shall, on a scale of 10, have attained a minimum standing of 6 in each study belonging to his class, which shall be determined by the average of his recitations and examinations.

V. Students who have not before been at the University should, on their arrival, report themselves to the President, and by him be assigned to such department and studies as they may desire and be prepared to enter. When a regular course of study is once adopted the student is not allowed to vary from it, or change to another, without permission.

Expenses.

Tuition in the Preparatory Department,	$5 00	per term.
" in other deparments.....	8 00	"
Contingent Fee in Preparatory Dep't...	2 00	"
" " in other departments...	2 00	"

Boarding.

The University does not board students. Ample provision for this purpose is made in private families of the town and vicinity. The cost, including furnished rooms, fuel and everything needed, except washing and light, varies from $3 50 to $4 00 per week. Some board in clubs at still lower rates, varying from $1 50 to $2 50 per week, according to the style of living adopted.

Incidental expenses depend on the habits of the student. The law prohibits students incurring debts at stores, groceries, &c., except on written order of parent, guardian or teacher. Unnecessary and lavish expenditures induce not only waste of time and means, but neglect of study and formation of bad habits. The *necessary* expenses for the college year of forty-one weeks are less here than in any other place, known to us, where the same quality of instruction and other equal advantages are furnished.

Prizes.

THE REGENT'S PRIZES.—To the student who shall write the best essay upon a given subject, $25. To the student who shall be adjudged the best declaimer, $15. These prizes to be awarded after public competition, by a committee of citizens appointed by the Faculty.

These were awarded at the last contest as follows, viz:

James V. Martin, Essay	$25 00
B. B. Curry, Declamation	15 00

Discipline.

The rules of the University require that every student shall be in his place at all stated exercises from the opening to the close of his connection with the University. A record is kept in which are entered the grade of Scholarship of each student, his absence from the exercises of the institution, his tardiness, or failure in recitation, unless satisfactorily accounted for. An abstract of this record, is sent at the close of each term, to parents or guardians, so that they may see what and how their sons and wards are studying, and how they stand in scholarship and deportment. In case of negligence, irregularity, or other misconduct, the student will be privately admonished and the parent or guardian will be informed of the fact. Mere inattention to study will, if persisted in, insure dismissal from the University. No student is allowed to leave the precincts of the University during term time without special permission.

The attention of parents and guardians is especially called to the fact that all exercises begin promptly on the day stated in the calendar, and that it is essential to the best interests of the student and of his classmates that he be punctually in his place from the first day of the term till the last. No excuse will be accepted for absence unless such absence is unavoidable. It must be distinctly understood that students are allowed to enter only

on condition that they comply with the rules of the University, and apply themselves punctually and without interruption to their prescribed studies. College duties once assumed require the student's full time, and no extra work taken up by himself or imposed by others, and no absence for the mere pleasure of the student or his friends can be allowed to interfere with those duties.

Students from abroad, under fifteen years, should have their money sent to, and their bills settled by, Prof. F. S. Lyon, Bursar of the University.

Religious Instruction and Worship.

The exercises of each day are opened with reading the Scriptures, singing and prayer, at which all the students are required to be present. They are also required, unless for sufficient reason excused, to attend regularly some place of religious worship on the Sabbath, and on all occasions to treat the institutions of religion with respect. The institution is entirely free from sectarian control or domination.

In the internal management and practical working of the Institution, there is not now, and never has been, the slightest denominational friction.

It is hoped that the public journals of the State will take notice of this, and correct, so far as they now can, the exceedingly erroneous statements in connection with this subject, into which so many of them have, somehow, been led.

Library.

A respectable beginning towards a University Library has been made. About four thousand volumes have been carefully selected and placed on its shelves, including not only many choice and valuable books of reference, but also standard works in the various departments of History, Biography, Theology, Agriculture, Arts, Science, and General Literature.

We respectfully request the friends of Education to make contributions to its shelves. In addition to those hitherto granted, the following donations have been received during the year:

VOLS.	TITLE.	DONOR.
11	Journal of House of Representatives.....	Ass't. Secretary Interior.
20	Executive Documents of House of Representatives.....	do do
5	Miscellaneous Documents of House of Representatives.....	do do
5	Reports of Committees of House of Representatives.....	do do
1	Journal of Senate.....	do do
4	Executive Documents of Senate.....	do do
1	Miscellaneous " "	do do
7	Reports of Committees of the Senate.....	do do
3	Report of Census of 1870, 1st Ses	do do
1	Coast Survey, 21 Ses.....	do do
1	Executive Documents, 3d Ses.....	do do
1	Senate Miscellaneous Documents 3d Ses..	do do
1	Report of the Commissioner of Education, 1874	Com'r. Education.
3	Smithsonian Reports for 1873 and 1874.....	Sup't. Smithsonian Institution.
1	Astronomical or Meteorological Observations, 1873.....	Rear Admiral C. H. Davis.
5	Reports of Hygiene, Hospitals, &c*.....	War Department.
2	Medical and Surgical History of the Rebellion*.....	do do
8	Circulars of Information of the Bureau of Education.....	Department of Interior.
13	Reports of U. S. Coast Survey for 1852–3,–4,–6,–8,–9, 1860–61,–7,–8,–9, 1870,–71*...	
4	Appendixes to Reports for 1872,–6),–65,–68, *.....	
1	Theory of Errors of Observation.....	
1	Field Work of Secondary Triangulation*..	
	Ninety-six valuable Maps and Charts*.....	
	Statistical Atlas of U. S., parts I. and II.	
Total 89		

*Secured through the influence of Dr. Alex. Martin.

Nearly all the weekly journals of the State, the Tri-weekly Wheeling *Register*, the Daily Wheeling *Evening Standard*, and valuable religious papers of all the leading religious denominations, are gratuitously sent to the reading room of the University.

Museum Apparatus, &c.

The University is in possession of apparatus requisite for thorough illustration of Chemistry and Physics.

Several valuable articles of apparatus have been obtained for the department of Astronomy and Physics, including a Smithsonian Barometer, by Greene, of New York; a Sextant, by Crichton, of London; and a Clock with Zinc Compensation, by

E. Howard & Co., of Boston. A seven ft. Telescope has been constructed by John Byrne, of New York. It is equatorially mounted with right ascension and declination circles, and is a first-class instrument in every respect.

The department of History has been furnished with a large map of the United States, and a fine set of Bretschneider and Spruner's Historical Wall Maps, ten in number, from the German publishing house of Justus Perthes, of Gotha. Three of White's new Maps of West Virginia, have also been provided for use in different departments of the University.

The Museum contains extensive Mineralogical, Geological and Conchological cabinets, together with many specimens in other departments of Natural History. We request all who are interested in such matters to send suitable specimens for the museum, especially Indian relics, shells, minerals, fossils and alcoholic specimens of animals. Such donations will be acknowledged and carefully labeled with the name of the donor. There are already over 2,000 specimens of minerals and fossils, and more than 2,300 of recent shells.

The vicinity of the University offers unrivaled advantages for the study of practical Geology. Especial attention will be paid to this branch.

The laboratory of Practical Chemistry is in operation. The instruction for the present is devoted chiefly to analysis, with its application to agriculture.

United States Signal Station.

By direction of General Myer, chief Signal officer of the army, a signal station has been established at the University for the benefit of Commerce, Agriculture and Science. It is, at present, in charge of Sergeant L. Dunne, S. S., U. S. Army. Students are by this means furnished with special advantages for the study of Meteorology and related subjects. The frequent and carefully recorded observations taken by means of the most improved in-

struments will furnish accurate and reliable data for, hereafter, estimating climatic changes in West Virginia. By this means also the newspapers, Boards of trade, and river men generally, at Pittsburgh, Wheeling and Cincinnati, if they so desire, can be reliably advised of special movements in the river at the head of navigation. An abstract of the observations at this station for the year 1875, is printed at the end of the catalogue. Sergeant Dunne also teaches Telegraphy and Signaling.

Literary Societies.

There are two of these in connection with the University, supplied with suitable halls, tastefully furnished, whose exercises in Composition, Reading, Orations, Debate and Criticism are, in many respects, of great advantage to the student. They also afford facilities for the study of, and acquaintance with, Parliamentary forms, and the acquisition of business habits The authorities of the University will afford every facility for increasing the accommodations and usefulness of these valuable auxiliaries.

Location.

Morgantown, the seat of the University, is beautifully located on the right bank of the Monongahela river, Monongalia county, West Virginia. The scenery around is exceedingly attractive and picturesque. The place has long been famous for its social intellectual and moral culture, and general healthfulness. Coaches leave every morning to and from Fairmont, on the Baltimore and Ohio Railroad. There is also a daily conveyance between Morgantown and Uniontown, Pa. Steamboats from Pittsburgh arrive every day at Geneva, twelve miles below Morgantown, and Congress has made liberal appropriations for the continuance of slackwater navigation in the Monongahela as far as Morgantown. A place more eligible for the quiet and successful pursuit of Science and Literature is nowhere to be found.

Grounds and Buildings.

These are well situated, and admirably adapted to the purposes of the University. They are immediately outside, and within a few minutes walk of Morgantown. The grounds command a fine view of the village and of the surrounding country as far as the western ranges of the Allegheny mountains. The buildings are models of architectural beauty, capacity, solidity and convenient arrangement. In addition to University Hall, the Armory has been finished and is now occupied. The central part of the new building, for which a liberal appropriation was made at the last session of the Legislature, is nearly finished, and will be ready for use before the beginning of the next College year. It It is expected that the approaching Commencement Exercises will be held in its spacious and elegant hall.

NOTE.—There have been no licensed taverns nor saloons, in the place for several years past.

SIGNAL SERVICE, U. S. ARMY.

DIVISION OF TELEGRAMS AND REPORTS FOR THE BENEFIT OF COMMERCE AND AGRICULTURE.

Annual Means. *1875.*

DATE.	BAROMETER.							THERMOMETER.							WIND.							Am't of rain and melted snow.		
	MEAN	MEAN OF—			RANGE.			MEAN	MEAN OF—			RANGE.			PREVAILING DIRECTION.	NUMBER OF MILES.					TOTAL.	Am't in inches.	Number of days on which rain or snow fell.	Number of Auroras.
		A. M. observat'n.	P. M. observat'n.	Night observat'n.	Highest.	Lowest.	Difference.		A. M. observat'n.	P. M. observat'n.	Night observat'n.	Maximum.	Minimum.	Difference.		Noon to 6 P. M.	6 P. M. to midnight.	Midnight to 6 A. M.	6 A. M. to noon.	Maximum velocity during 180.				
1875.																								0
January...	30.199	30 220	30.173	30.203	30 659	29.571	1.088	27.7	24.2	31.5	25.7	55	— 6	61	SW	4544	1019	942	1278	38	4733	3.12	19	1
Feb'y.....	30.113	30.140	30.089	30 131	30.698	29.427	1.271	27.2	23.2	31.6	24.5	67	—10	77	SW	2442	1321	1414	1606	42	6483	2.74	16	0
March.....	30 0 6	30.059	29.960	30.029	30.486	29.311	1.175	40.0	34.7	45 6	38.6	79	12	67	SW	1996	1437	1197	1472	48	6102	5.41	21	0
April.....	29.958	30 005	29 894	29.969	30 385	29.435	0.950	47.9	43 1	54.8	44.2	79	18	61	SW	1965	1052	772	1316	48	5135	2.90	18	0
May.....	29.930	29.987	29.873	29.9 7	30 305	29.321	1.074	63.7	63.0	70.5	59.3	91	33	58	SW	2034	1042	774	1452	48	5299	4.69	12	0
June.....	29.982	30 018	29.925	29 9 7	30.249	29.762	0.487	70.6	68.6	77.0	66.2	92	46	46	SW	1361	761	401	1023	24	3352	4.09	16	0
July.....	29.960	29.984	29.923	29.967	30 242	29.658	0.584	74.0	72.8	78.6	70 3	93	60	33	S	1.97	524	4 3	1050	35	3391	7.89	20	0
August ...	29 975	30.002	29 926	29.986	30.267	29.640	0.627	63.6	66.4	75.3	65.5	84	54	30	SW	1103	421	273	783	25	2580	5.58	14	0
Sept'r	30.032	30.070	29.985	30.037	30.398	29.624	0.774	61.4	57.8	68.4	57.8	87	37	50	SW	1375	439	394	1003	24	3211	5.10	14	0
October ...	30.014	30.038	29 963	30 037	30.479	29.508	0.971	50.7	47.6	57.4	47.4	76	31	45	S	1663	764	707	1444	37	4575	3.57	13	0
Nov'r.	30.063	30.095	30.032	30.064	30.624	29 450	1.171	41 9	38.3	45.9	40.1	62	12	50	N	1393	893	846	1188	36	4320	4 18	14	0
Dec'r.....	29.965	29.997	29.938	29 972	30.444	29.315	1.129	41.6	37.7	45.1	41.3	72	10	62	SW	1716	1336	1134	1400	37	5595	3.99	21	0
An'l mn's	30.017	30.051	29.973	30.027	30.444	29.502	0.942	51.4	47.9	56 8	48.5	78.1	24.7	53.3	SW	19559	10896	9287	15034	48	54686	50.26	198	1

SIGNAL SERVICE, U. S. ARMY.—CONTINUED.

GENERAL REMARKS.

January		River frozen over on 10th (1st time.)
February		River closed by Ice from 10th to 25th—Thunder storm on 3rd—Coldest day, Mean Thermometer 1.25° on 10th.
March		Wild Geese N. on 12th.—Wild Pigeons E. on 14th and 24th.
April		Thunder Storms on 5 days, Swallows arrived on 29th.—Last snow on 24th.
May	do.	on 6 days.—Last Frost on 19th.
June	do.	on 7 days.—Hottest day Mean Thermometer 82.25° on 24th
July	do.	on 13 days.—Flood in River on 23rd.
August	do.	on 6 days.— do. do. on 1st, 2nd and 3rd.
September	do.	on 1 day.—Martins departed on 20th.—Swallows departed on 28th.—First Frost on 21st.
October	do.	on 1 day.—Wild Geese 13th and 16th.—Wild Ducks on 18th.—First Snow on 11th.
November	do.	on 1 day.—Wild Ducks S. on 16th.
December	do.	on 1 day.—River closed by Ice on 20th, opened on 22nd.

Prepared by Authority of the Chief Signal Officer of the Army.

Station—MORGANTOWN, W. VA.,
West Virginia University.

By L. DUNNE,
Sergeant, Sig. Ser. U. S. A.

CATALOGUE

OF

WEST VIRGINIA UNIVERSITY,

MORGANTOWN.

1876-7.

WHEELING:
W. J. JOHNSTON, PUBLIC PRINTER,
1877.

CALENDAR.

According to an order of the Regents, August 11th, 1875, the University year includes forty-one weeks, and is divided as before, into three terms.

The First Term begins on the first Wednesday of September, and continues fifteen weeks.

There is then an interval of about two weeks including the Christmas holidays.

The Second Term begins on the first Wednesday of January, and the Third, on the last Wednesday of March.

The Annual Commencement is on the fourth Thursday of June.

Prompt attendance at the beginning of each term is very important to the student.

1877.

June 21st.—Thursday, 9, A. M.—Annual Examination begins.

22d.—Friday, 7:30, P. M.—Regents' Prize Contest.

24th.—Sunday, 3, P. M.—Baccalaureate Sermon, by the President.

25th.—Monday, 7:30, P. M.—Anniversary of the Columbian Literary Society.

26th.—Tuesday, 7:30 P. M.—Anniversary of the Parthenon Literary Society.

27th.—Wednesday, 7:30 P. M.—Address to the Literary Societies.

28th.—Thursday, 9 A. M.—Commencement Day.

September 5th.—Wednesday, 9. A. M.—Examination of Candidates for admission.

6th.—Thursday, 9 A. M.—Regular work of 1877-78 begins.

December 18th.—Tuesday, First Term ends.

Christmas Vacation of Two Weeks.

1878.

January 2d.—Wednesday, 9 A. M.—Second Term begins.

March 27th.—Wednesday.—Second Term ends and Third Term begins.

May 10th.—Friday.—Junior Exhibition.

June 27th.—Thursday.—Third Term ends.

COMMENCEMENT.

BOARD OF REGENTS.

No. of Circuit.	Name of Regent.	P. O. Address.
1	*GEO. W. FRANZHEIM,	*Wheeling.*
2	L. S. HOUGH,	*Morgantown.*
3	CHAS. J. FAULKNER,	*Martinsburg.*
4	H. S CARR,	*Moorefield.*
5	D. D. JOHNSON,	*Long Reach.*
6	F. M. CHALFANT,	*Weston.*
7	H. S. WALKER,	*Charleston.*
8	A. F. MATHEWS,	*Lewisburg.*
9	ISAIAH BEE,	*Princeton.*

Officers of the Board.

D. D. JOHNSON, PRESIDENT.
A. W. LORENTZ, TREASURER.
GEORGE C. STURGISS, SECRETARY.

Executive Committee.

L. S. HOUGH, CHAIRMAN.
JOHN J. BROWN.
JESSE J. FITCH.
DAVID H. CHADWICK.
HUGH W. BROCK.

Secretary.

GEORGE C. STURGISS.

Superintendent of Grounds and Buildings.

E. SHISLER.

*Deceased.

FACULTY AND TEACHERS.

REV. J. R. THOMPSON, A. M., PRESIDENT.

*Professor of Astronomy and Physics.**

REV. J. W. SCOTT, D. D., LL.D., VICE-PRESIDENT,

Prof. of Mental and Moral Science.

WM. M. FONTAINE, M. A.,

Prof. of Agriculture, Chemistry and Natural History.

ROBT. C. BERKELEY, M. A.,

Prof. of Ancient Languages and Literature.

E. T. C. RICHMOND, LIEUT. U. S. A.,

Prof. of Military Science and Mathematics.

J. W. V. MACBETH,

Prof. of History, Political Economy and Belles Lettres.

JOHN I. HARVEY, A. M.,

Prof. of Modern Langnages and Literature.

F. S. LYON, A. M.,

Principal of the Preparatory Department.

*The Studies in this Chair have been temporarily distributed among the other Chairs.

FACULTY—Continued.

D. B. PURINTON, A. M.,

Instructor in Vocal Music and Assistant in Preparatory Department.

FRANK WOODS, A. B.,

Assistant in Preparatory Department.

HUGH W. BROCK, M. D.

Lecturer on Physiology and Hygiene.

Hon. JOHN A DILLE, A. M.,

Lecturer on Civil and Constitutional Law.

Serg't L. DUNNE, Sig. Serv. U. S. A.,

Meteorological Observer and Instructor in Signaling and Telegraphing.

WM. DANCER, Janitor

ALUMNI.

1870.

DENT, MARMADUKE H., A. M.—Attorney-at-Law, Grafton, W. Va.

1871.

DILLE, OLIVER H., M. S.—Attorney-at-Law, Morgantown.
JOLLIFFE, WM. E., A. M.—Farmer, White Day, W. Va.

1872.

DRABELL, JOHN H., A. M.—Attorney-at-Law, Des Moines, Iowa.
MCLANE, ALLEN E., A. M.—Commercial Traveler, Baltimore, Md.
SMITH, BENJ. W., A. M.—Attorney-at-Law, Minneapolis, Minn.
WHITE, ISRAEL C., A. M.—Assistant on Geological Survey of Pennsylvania, Morgantown.

1873.

BABB, CHAS. M., A. M.—Farmer, Greenland Gap, W. Va.
BORDER, DANIEL W., A. M.—M. D., Kearneysville, W. Va.
BOUGHNER, WM. L., M. S.—Merchant, Rowlsburg.
BROWN, JAMES F., A. M.—Cashier Merchants' Nat. Bank, Charleston.
BULLOCK, EDMUND T., A. M.—L. L. B., Columbian Law School.
HARRIS, JOHN T., M. S.—Journalist, Harrisville.
LINCH, GEORGE P., M. S.—Attorney-at-Law, Wheeling.
MCCLURE, TAYLOR B., M. S.—Prin. of Lawrence Academy, Louisa, Ky.
PRICE, THOMAS H., M. S.—M. D., Morgantown.
PRICHARD, WM. T., M. S.—Attorney-at-Law, Fairmont, W. Va.
PURINTON, DANIEL B., A. M.—Tutor, W. Va. University, Morgantown.
TEMPLE, MARCELLUS L., A. M.—Attorney-at-Law, Osceola, Iowa.
WATERS, JAMES T., A. M.—Attorney-at-Law, Hempstead, L. I., N. Y.

1874.

CHADWICK, RICHARD V., A. B.—Merchant, Weston.
DEAN, JOHN S. W. A. B.—Prof. Ancient Languages, Penn. State College.
HOWELL, WM. M., A. B.—Union Theological Seminary, New York.
JACOBS, THOS. P., A. B.—Attorney-at-Law, New Martinsville.
LYNCH, CHARLES W., A. B.—Student of Law, Clarksburg.

Moran, Ellsworth E., A. B.—Theological Seminary, Princeton, N. J.
Woods, Frank, A. B.—Tutor W. Va. University, Morgantown.

1875.

Adams, Samuel Shugert, A. B.—Medical Student, Washington, D. C.
Dolliver, R. H., A. B.—Attorney-at-Law, Morgantown.
Dolliver, J. P., A. B.—Student of Law, Morgantown.
Golden, Franklin A., B. S.—Teacher in New Orleans, La.
Martin, James V., A. B.—Teacher in Georgia.
Peterson, J. J., A. B.—Teacher, Buckhannon, Upshur county.
Purinton, A. L., A. B.—Teacher, West Nottingham Academy, Md.

1876.

Anderson, John C., B. S.—Farmer, Monongalia county.
Frasher, Luke H., A. B.—Principal Union School, Kingwood.
Hubbard, Harry Dana, B. S.—Journalist, Wheeling.
Ison, Willey Owens, A. B.—Teacher, Mineral county.
Kemp, Howard Mason, B. S.—Merchant, Bloomington, Md.
Laidley, George Summers, B. S.—Principal Graded School, Charleston.
Nash, James Henry, B. S.—Buffalo, Putnam county.
Ramage, Thomas C., B. S.—Attorney-at-Law, Doddridge county.
Wetzel, Daniel Elliot, A. B.—Burning Springs, Wirt county.

UNDERGRADUATES.

Seniors.

Brown, William Gay	Class	Kingwood, Preston County.
Dille, Clarence B	Class	Morgantown.
Hawthorne, Joseph H	Class	Randall, Monongalia County.
Hood, Thomas M	Class	Lowsville, Monongalia County.
Rogers, Daniel R	Class	Morgantown.
Smith, Everett C	Sci	Spencer, Roane County.
Snively, Harry J	Sci	Grafton.
Steele, John L	Class	Morgantown.
Stewart, James L	Sci	McCoy's Station, Jefferson County, Ohio.

Juniors.

Courtney, Alpheus F	Sci	Randall, Monongalia County.
Dayton, Alston Gordon	Class	Philippi, Barbour County.
*Lee, James McMillen	Class	Holliday's Cove, Hancock County.
Morgan, Benjamin S	Class	Laurel Point, Monongalia County.
Marsh, Enoch Jasper	Class	Morgantown.
Rich, Daniel	Class	Laurel Point, Monongalia County.

Sophomores.

Chadwick, David	Opt	Morgantown.
Johnston, Walter McDaniel	Opt	Union, Monroe County.
Purinton, George Dana	Class	Morgantown.
Reed, Charles Baguley	Opt	Wheeling,
Sweeney, Andrew Thomas	Opt	Wheeling.
Wade, Spencer	Sci	Morgantown.

Freshmen.

Capehart, John Clarence	Opt	St. Albans, Kanawha County.
Davis, L. F	Opt	North Bend, Tyler County.
Davisson, Ithamar	Opt	Webster, Taylor County.
Fitch, Dorsey Plummer	Opt	Morgantown.

PREPARATORY STUDENTS.

Second Year.

Ankrom, Samuel Barnett,.....Sistersville, Tyler county.
Bassell, Burr,.....Lost Creek, Harrison county.
Bland, Meigs, ...Weston, Lewis county.
Coleman, Theodore V.....Morgantown.
Davisson, Floyd.....Webster, Taylor county.
Demain, Edward Rigden .....Morgantown.
Elliott, Adoniram Judson.....Reedsville, Preston county.
Griggs, Millard.....Smithtown, Monongalia county.
Hall, Jesse Jasper.....Morgantown.
Houston, Waitman Willey.....Morgantown.
Kaine, Elisha Kent.....Uniontown, Fayette county, Pa.
Macbeth, James Edward.....Morgantown.
Marsh, Thomas.....Morgantown.
Stout, Benjamin Fillmore.....Bridgeport, Harrison county.
Waters, George Washington.....Morgantown.
Wiley, John Wesley... .....Wadestown, Monongalia county.
Woodford, Alonzo Harvey.....Pleasant Creek, Barbour county.

First Year.

Anderson, William Franklin.....Easton, Monongalia county.
Arbenz, H. J. W. .....Wheeling.
Boyers, Luther M.....Randall, Monongalia county.
Brown, Zalmon Kent.....Morgantown.
Brown, Samuel Boardman.....Clinton Furnace, Monongalia county.
Butcher, Charles Tyson.....Rippon P. O. Jefferson county.
Carr, Charles Edgar .....Buffalo, Putnam county.
Courtney, David Hall .....Randall, Monongalia county.
Cox, Frank.....Morgantown.
Everly, Edward Cloud.....Randall, Monongalia county.
Fisher, Sanford Rosewell.....Laurel Point, Monongalia county.

FIRST YEAR—*Continued.*

Hall, Elisha Benton.....Laurel Point, Monongalia county.
Haymond, George Hiram.....Morgantown.
Henry, Charles Oliver.....Newburg, Preston county.
Holyfield, Clark H.....Easton, Monongalia county.
Hopkins, Charles Ellis.....Morgantown.
King, William Jesse.....Raccoon, Preston county.
King, Henry Ison.....Raccoon, Preston county.
Koontz, Omer.....Morgantown.
Lawhead, James Henry.....Morgantown.
Lewellyn, Thomas Ashby.....Easton, Monongalia county.
Lorentz, Charles Frederick.....Morgantown.
Mapel, Walter P.....Rosedale, Greene county, Pa.
Marsilliott, Leonard Ewing.....Pittsburgh, Pa.
McColloch, Albert Paull.....Wheeling.
McCoy, William Leonard.....Granville, Monongalia county.
McRa, Elijah.....Clinton Furnace, Monongalia county.
McRa, Thomas Ison.....Clinton Furnace, Monongalia county.
Robinson, John Hunter.....Patterson's Creek, Mineral county.
Seamon, William Henry.....Wheeling.
Shafer, William Clement.....Morgantown.
Shafer, Dudley Conn.....Morgantown.
Sisler, Lorenzo Dow.....Stewarttown, Monongalia county.
Tapp, William Whitfield.....Maidsville, Monongalia county.
Tapp, Thomas Hampton.....Rosedale, Greene county, Pa.
Waters, Otis Watson.....Randall, Monongalia county.
Weaver, Laishley.....Easton, Monongalia county.
Woodford, Cleophas.....Pleasant Creek, Barbour county.
Yeager, George Garrison.....Randall, Monongalia county.

FRESHMEN—Continued.

Grafton, Charles Edwin	Sci	New Cumberland, Hancock County.
Hammond, Dawson Edward	Class	Mount Pleasant, Frederick County, Md.
Haymond, Frank Thompson	Opt	Morgantown.
Harlie, John Robert	Opt	Grafton, Taylor County.
Hough, Walter	Class	Morgantown.
Husted, Ashbel Fairchild	Opt	Morgantown.
Keenan, B. L.	Sci	Maidsville, Monongalia County.
Marsh, John Nelson	Class	Morgantown.
Reed, John Thoburn	Opt	Wheeling.
Robinson, Claud Ernest	Sci	Pattyson's Creek, Mineral County.
Waters, A. A.	Opt.	Laurel Point, Monongalia County.
Zearley, Addis	Sci	Point Marion, Fayette County, Pa.

Class.—Classical Course. Sci.—Scientific Course. Opt.—Optional Course. Agric.—Agricultural Course. *Conditioned.

PREPARATORY DEPARTMENT.

FACULTY.

Rev. J. R THOMPSON, A. M.,
President.

F. S. LYON, A. M.,
Principal.

E. T. C. RICHMOND, Lieut. U. S. A.,
Commandant of Cadets.

D. B. PURINTON, A. M., Secretary,
Instructor in Vocal Music and Assistant.

FRANK WOODS, A. B.,
Assistant

ROSTER OF STATE CADETS.

Cadet E. J. Marsh, First Sergeant.

Cadet Charles B. Reed, Sergeant.

Cadet Walter M. Johnston, Sergeant.

District.	Name.	Remarks.	Enlisted and Discharged.
I.	James M. Lee	Present for duty	Sept. 20, 1873.
	Charles B. Reed	Honorably discharged	Jan. 3, 1877.
	Charles E. Grafton	Present for duty	Oct. 1, 1875.
	Andrew Sweeney	Honorably discharged	Jan. 3, 1877.
	Vacancy		
	Vacancy		
II.	Thomas M. Hood	Present for duty	Dec. 30, 1872.
	John L. Steele	Present for duty	Sept. 5, 1873.
	J. H. Hawthorne	Present for duty	March 26, 1875.
	E. J. Marsh	Present for duty	Oct. 18, 1873.
III.	Benj. S. Morgan	Present for duty	Oct. 1, 1875.
	John T. Reed	Honorably discharged	Nov. 7, 1876.
	J. N. Marsh	Present for duty	March 20, 1876.
	C. T. Butcher	Present for duty	Sept. 22, 1876.
	Lewis Bland	Honorably discharged	Nov. 7, 1876.
	Vacancy		
IV.	Claude E. Robinson	Present for duty	Sept. 9, 1874.
	B. F. Stout	On sick leave	March 28, 1876.
	Daniel Rich	Present for duty	Nov. 5, 1875.
	Wm. H. Seamon	Present for duty	March 30, 1877.
V.	Harry J. Snively	Present for duty	Jan. 16, 1874.
	George W. Park	Honorably discharged	Sept. 4, 1876.
	Willey O. Ison	Graduated	June 22, 1876.
	Samuel B. Ankrom	Present for duty	March 27, 1876.
	Vacancy		
	Vacancy		
VI.	Felix C. Pifer	Honorably discharged	Sept. 12, 1876.
	Burr Bassell	Honorably discharged	Nov. 10, 1876.
	Alston G. Dayton	Present for duty	Sept. 4, 1873.
	Charles E. Hopkins	Present for duty	March 30, 1777.
	Charles O. Henry	Present for duty	April 13, 1877.
	Vacancy		

ROSTER OF CADETS—Continued.

District.	Name.	Remarks.	Enlisted and Discharged.
VII.	James H. Nash	Graduated	June 22, 1876.
	George S. Laidley	Graduated	June 22, 1876.
	John C. Capehart	Present for duty	Oct. 1, 1875.
	Vacancy		
	Vacancy		
	Vacancy		
VIII.	Philip A. Dix	Honorably discharged	Sept. 4, 1876.
	Z. J. Montgomery	Dropped from the roll	Sept. 4, 1876.
	Walter M. Johnston	Present for duty	Oct. 23, 1873.
	Vacancy		
	Vacancy		
	Vacancy		
IX.	Harry D. Hubbard	Graduated	June 22, 1876.
	A. F. Courtney	Present for duty	Nov. 5, 1875.
	I. Davisson	Present for duty	Jan. 5, 1876.
	Bruce L. Keenan	Present for duty	March 30, 1877.
	Vacancy		

**Distinguished Cadets—1876.*

Name.	Classical.	Military.
James M. Lee	Classical.	Military.
Charles B. Reed		Military.
Charles E. Grafton	Classical.	
Thomas M. Hood	Classical.	Military.
John L. Steele		Military.
Joseph Hawthorne	Classical.	
E. J. Marsh	Classical.	Military.
Benjamin S. Morgan	Classical.	
Daniel Rich	Classical.	
Willey O. Ison	Classical.	Military.
Harry J. Snively		Military.
Alston G. Dayton	Classical.	
James H. Nash		Military.
George S. Laidley		Military.
Walter M. Johnston		Military.
Harry D. Hubbard		Military.
A F. Courtney		Military.

*In accordance with regulations established for the government of the Corps, the above Cadets are reported as distinguished in the departments opposite their names, by reason of having attained a yearly average of 900 and upwards on a scale of 1,000.

RECAPITULATION.

Seniors,	9
Juniors,	6
Sophomores,	6
Freshmen,	16
First Preparatory Students,	17
Second Preparatory Students	39
Total,	93

MILITARY DEPARTMENT.

FACULTY.

REV. J. R. THOMPSON, A. M.,
PRESIDENT.

E. T. C. RICHMOND, LIEUT. U. S. A.,
COMMANDANT.

Staff.

Cadet THOS. M. HOOD, First Lieutenant and Adjutant.
Cadet HARRY J. SNIVELY, Second Lieutenant and Ord. Officer.

Commissioned Officers.

Cadet JOHN L. STEEL, Captain.
Cadet THOS. M. HOOD, First Lieutenant.
Cadet JOSEPH H. HAWTHORNE, First Lieutenant.
Cadet HARRY J. SNIVELY, Second Lieutenant.
Cadet JAMES M. LEE, Second Lieutenant.

Cadet ALSTON G. DAYTON, Color Sergeant.

VOCAL MUSIC.

D. B. PURINTON, A. M. Instructor.

Some years ago, the Regents added Vocal Music to the Studies of the University. It is open, free of charge, to students of all departments alike. The course of Instruction embraces one year, as follows:

Fall Term.—Rudiments and Elementary Practice.

Winter Term.—Rudiments continued. Glee and Chorus Singing.

Spring Term.—Lectures on Harmony and Composition, Chorus, Singing, Review, &c.

Students.

Anderson, W. F.
Ankrom, S. B.
Bassell, B.
Boyers, L. M.
Butcher, C. T.
Carr, C. E.
Coleman, T. V.
*Courtney, A. F.
*Dayton, A. G.
Demain, E. R.
*Elliott, A. J.
Hammond, D. E.
*Hawthorne, J. H.
Haymond, G. H.
Holyfield, C. H.
Hopkins, C. E.
Lawhead, J. H.
Lee, J. M.
Lewellyn, T. A.
Mapel, W. P.
*Marsh, E. J.
*Marsh, J. N.
Marsilliott, L. E.
McRa, T. I.
Morgan, B. S.
Rich, D.
*Rogers, D. R.
Sisler, L. D.
Shafer, W. C.
Shafer, D. C.
*Smith, E. C.
*Snively, H. J.
*Steele, J. L.
*Stewart, J. P.
Tapp, W. W.
Wiley, J. W.

*For Practice.

TELEGRAPHY CLASS.

YEAR 1876-7.

L. DUNNE, Serg't, Sig. Serv. U. S. A., Instructor.

No.	Name.	Telegraphy.	Signaling.
1	Hood, T. M	Telegraphy.	
2	Snively, H. J	do.	
3	Hall, J. J	do.	Signals and Meteorology.
4	Grafton, C. E	do.	
5	Hustead, H. F	do.	
6	McCoy, W. L	do.	
7	Holyfield, C. H	do.	
8	Llewellyn, T. A	do.	
9	Carr, C. E	do.	
10	Hopkins, C. L	do.	
11	Yeager, G	do.	
12	Demain, E	do.	Signals and Meteorology.
13	Ison, H. A	do.	" "
14	Shafer, W	do.	
15	Marsilliott, L E	do.	
16	Haymond, G	do.	
17	Brown, L	do.	
18	Johnston, W. McD	do.	
19	Robinson, J. H	do.	
20	Weaver, L	do.	
21	Fitch, D. P	do.	
22	Haymond, F. T	do.	

Requisites for Admission.

I All candidates for admission to any Department of the University, must present satisfactory evidence of good Moral character.

II. Students coming from other Colleges must produce certificates of honorable dismission from the same. No person shall be admitted into the Senior class after the beginning of the University year.

III. Those entering as Students for a Degree in any Department of the University, must sustain an examination in the various studies of the Preparatory School of the University, or their equivalent.

IV. Candidates for advanced standing must sustain an examination in the previous studies of the Department which they desire to enter.

V. The regular examination for admission of candidates, who have not pursued the preliminary studies in the Preparatory School of the University, will take place on Friday, succeeding Commencement, and on the first day of the First Term.

VI Candidates should procure a copy of the printed laws of the University, also the Treasurer's receipt for tuition, before presenting themselves for enrollment.

VII Applicants for admission to the Preparatory Department must stand an approved examination on spelling, reading, writing, modern geography, elements of English grammar, and arithmetic through common fractions.

VIII. Students are required to pronounce Greek and Latin according to the so called Continental method.

COURSES OF STUDY.

The instruction thus far provided for in the University is embraced in six departments, viz: The Classical, Scientific, Agricultural, Engineering, Military; and for those desiring to qualify themselves for regular admission to any of these, a Preparatory Department. No study has been dropped from any of these departments, but the method of stating what is required in each, has been simplified in the present Catalogue.

I.

CLASSICAL DEPARTMENT

The studies in this Department, required for the Degree of Bachelor of Arts, are as follows:

Freshman Year.

FIRST TERM.

Virgil—Bucolics and Georgics; Prose Composition. Gildersleeve's Grammar and Exercise Book.
Herodotus; Greek Prose Composition and Greek Grammar.
Universal History—Anderson.
Universal Algebra—Robinson.
Elocution.

SECOND TERM.

Horace—Odes and Epodes; Latin Prose Composition (continued.)
Homer—Iliad; Greek Prose Composition (continued.)
English Literature—Shaw.
Geometry (completed); Solid and Plane Trigonometry (commenced.)
Elocution.

THIRD TERM.

Cicero—De Senectute and De Amicitia; Exercises in Latin Prose Composition.
Homer—Iliad: Prose Composition.
Constitution of the United States and of West Virginia.
Plane Trigonometry (Completed); Spherical Geometry and Trigonometry.
Elocution.

Sophomore Year.

FIRST TERM.

Xenophon—Memorabilia; Exercises in Greek Composition.
Rhetoric—Haven.
Mensuration; Surveying; Navigation.
Chemistry, Inorganic,—Eliot and Storer.
Elocution.

SECOND TERM.

Horace—Satires and Epistles; Exercises in Latin.
Logic—Coppee.
Composition.
Analytical Geomery (First Part), and Differential Calculus—Olney's.
Chemistry—Organic.
Elocution.

THIRD TERM,

Livy—Lincoln; Exercises in Latin Composition.
Plato—Crito and Apology; Exercises in Greek Composition.
Botany—Gray.
English Philology—Corson's Syllabus of Philology.
Elocution.

Junior Year.

FIRST TERM.

Euripides' Alcestis; or French.
Mental Philosophy: The Intellect—Haven and Lectures.
Physics, General Principles—Solids and Fluids.
Analytical Geometry (Optional)
Physical Geography (Guyot.)

SECOND TERM.

Tacitus—Germania and Agricola; Latin Composition; or French.
Mental Philosophy: The Sensibilities and the Will—Haven and Lectures.
Physics—Pneumatics, Acoustics, Optics.
Integral Calculus, (Optional.)
Zoology—Nicholson.

THIRD TERM.

Demonsthenes on the Crown, with written Exercises; or French.
Physics—Heat, Correlation of Forces, Electricity.
Political Economy—Perry.
Human Anatomy and Physiology—Draper.

Senior Year.

FIRST TERM.

Cicero—De Officiis; with Written Exercises on Historical Subjects; or German.
Moral Philosophy—Gregory.
History of Civilization—Guizot.
Geology, Lithological, Dynamical and Historical—Dana.

SECOND TERM.

Sophocles—Œdipus Tyrannus; or German.
Elements of Criticism—Lord Kames.
Astronomy, XII. Chapters—Loomis.
International Law—Woolsey.

THIRD TERM.

Tacitus—Annals; or German,
Astronomy. (Completed.)
Butler's Analogy, Natural Theology and Alexander's Evidences of Christianity.

If, in this Department, the student selects the French or German instead of the Latin or Greek, he shall be required to study them respectively, during three successive Terms, and such selection must be made at the beginning of the Junior or Senior Year. The text books for the Junior Year are the same as those of the Scientific Freshmen, and for the Senior Year, the same as Junior Scientific.

II.

SCIENTIFIC DEPARTMENT.

The studies in this Department required for the Degree of Bachelor of Science are the following:

Freshman Year.

FIRST TERM.

University Algebra—Robinson.
French—Languellier and Monsanto's French Course.
Universal History—Anderson.
Chemistry (Inorganic)—Eliot and Storer.
Elocution.

SECOND TERM.

Geometry (completed), solid and plane trigonometry commenced.

French—French Course continued; Smith's French Principia, Part II.
English Literature—Shaw.
Chemistry (organic.)
Elocution.

THIRD TERM.

Plane Trigonometry (completed)—Spherical Geometry and Trigonometry.
French—French Course completed, Principia II., Telemaque, (Surenne's.)
Constitution of the United States and of West Virginia.
Botany—Gray's School and Field Book.
Elocution.

Sophomore Year.

FIRST TERM.

Mensuration, Surveying and Navigation—Robinson.
French—Voltaire, Charles XII., French Grammar and Exercises.
Rhetoric—Haven.
Physics, General Principles—Solids and Fluids.
Elocution.

SECOND TERM.

Analytical Geometry (First Part) and Differential Calculus.
Logic—Coppee.
Chemical Analysis.
Physics—Undulations, Acoustics, Optics, Problems.
Elocution.

THIRD TERM.

Analytical Geometry (Second Part) and Integral Calculus.
French—Moliere's Misanthrope, French Grammar and Exercises.
Physics—Heat; Magnetic, Statical and Dynamical Electricity.
Elocution.
Chemical Analysis.

Junior Year.

FIRST TERM.

Meteorology—Loomis.
German—Woodbury's Complete Course.
Mental Philosophy, The Intellect—Haven, and Lectures.
Physical Geography, (Guyot.)

SECOND TERM.

Analytical Mechanics—Peck.
German—Grammar continued; German Reader.

Zoology—Nicholson.
Mental Philosophy—The Sensibilities and the Will—Haven, and Lectures.

THIRD TERM.

Analytical Mechanics (Completed)
German—Grammar and Free Exercises; Schiller's Jungfrau or Maria Stuart.
Political Economy—Perry.
Human Anatomy and Physiology—Draper.

Senior Year.

FIRST TERM.

Moral Philosophy—Gregory.
German—Goethe's Iphigenia in Tauris, or Egmont; Whitney's Grammar and Exercises.
History of Civilization—Guizot.
Geology—Lithological, Dynamical and Historical—Dana.

SECOND TERM.

International Law—Woolsey.
German—Fouque's Undine; Whitney's Grammar and Exercises.
Elements of Criticism—Lord Kames.
Astronomy—Descriptive and Physical.

THIRD TERM.

Butler's Analogy; Natural Theology; Alexander's Evidences of Christianity.
German (Optional)—Evans' German Literature; Grammar and Exercises.
Practical Astronomy—Calculation and Construction of Eclipses, verified by the Nautical Almanac.
Agriculture.

III.

DEPARTMENT OF ENGINEERING.

The studies in this Departmsnt for the first, second and third years are the same as in the Scientific Course. For the Senior year they are as follows:

FIRST TERM.

Civil Engineering—Mahan.
Moral Philosophy—Gregory.

Geology—Lithological, Historical and Dynamical—Dana. Geological Exercises.

SECOND TERM.

Physical Geography (Guyot.)
Military Engineering—Mahan.
Astronomy—Descriptive and Physical.
International Law—Woolsey.
Elements of Criticism—Kames.

THIRD TERM.

Gillespie on the Location, Construction and Improvement of Roads and Railroads.
Astronomy—Practical.
Butler's Analogy; Natural Theology and Alexander's Evidences of Christianity.

The studies of the modern languages are the same as in the Scientific Course.

In addition to the text books prescribed to the students of modern languages, they are required to read a prescribed course of Literature and write exercises, both by dictation and translation, in French and German.

IV.

MILITARY DEPARTMENT.

FIRST YEAR.

First Term—Infantry Tactics: School of the Soldier.
Second Term—Infantry Tactics: School of the Company.
Third Term—Infantry Tactics: Bayonet Exercises.

SECOND YEAR.

First Term—Infantry Tactics: School of the Battalion.
Second Term—Cavarly Tactics: Sabre Drill.
Third Term—Target Practice: Artillery and Small Arms.

THIRD YEAR.

First Term—Infantry Tactics and Practice.
Second Term—Artillery Tactics: Field Fortifications.
Third Term—Target Practice: Heavy and Field Artillery.

FOURTH YEAR.

First Term—Infantry Tactics: School of the Brigade.
Second Term—Ordnance and Gunnery.
Third Term—Advance Guard and Outpost Duty.

Dress Parades, Reviews, Inspections and Guard Mountings are held as often as is deemed expedient throughout the entire course.

The other studies in this department are those of the Classical or the Scientific Department respectively.

V.

AGRICULTURAL DEPARTMENT.

The studies of this Department are, at present, embraced in a two years' course. Students having creditably completed this course, will be entitled to receive a certificate to that effect.

First Year.

FIRST TERM.

Inorganic Chemistry.
Physics—Solids and Fluids.
General History.
French or German (optional.)

SECOND TERM.

Organic Chemistry: Zoology.
English Literature.
French or German (optional.)

THIRD TERM.

Botany and Vegetable Physiology.
Heat, Magnetism and Electricity.
Plane Trigonometry.
Constitution of the United States and of West Virginia.

Second Year.

FIRST TERM.

Analytical Chemistry, Geology, Meteorology.
Chain and Compass Surveying.

SECOND TERM.

Analysis of Soils: Entomology.
Astronomy.
French or German (optional.)

THIRD TERM.

Allen's Farm Book.
Gillespie, on Roads and Road Making.
Political Economy.
Natural Theology.
The Subjects for Lectures during the Course, are the following:

First Year.

FIRST TERM.

The Chemistry, Structure and Physiology of Plants.
On the Water, Atmosphere and soil as related to Vegetables.
On Tillage, Draining and Manuring.

SECOND TERM.

On Domestic Animals and their Digestion, Respiration, Assimilation and Excretion.
On the Composition, Preparation and value of different kinds of Food.
On Milk, Butter, Cheese, Flesh and Wool as Agricultural Products.

THIRD TERM.

On Horticultural and Kitchen Gardening.
On the Propagation, Training and Culture of Fruit Trees, the Vine, Small Fruits and Vegetables.

Second Year.

FIRST TERM.

On the staple grain, forage, root and Fibre crops of this and adjoining States, and their varieties, and the best soils adapted for them.
On the preparation of soil, seeding, cultivating, harvesting and preparing for market.
On the Origin and Natural History of Domestic Animals.
On Entomology and the Insects useful and hurtful to Vegetation.

SECOND TERM.

On the raising, care, characteristics and adaption of different breeds of Domestic Animals.
On Cattle for beef or draught, and Sheep for wool or mutton.
On Horses, Swine and Poultry.
On Pasturing, Soiling and Stall Feeding.
On Tobacco, Hops and Forestry.

THIRD TERM.

On Rural Economy.

On the History of Agricultural, with sketches of the same in ancient and modern times: and in foriegn lands.

On the adaptation of Farming to soil, climate, market and other natural and economical conditions.

On the different systems of Husbandry, such as stock, sheep, grain and mixed farming.

SCHEDULE OF DAILY RECITATIONS.

FIRST TERM.

	Class.	First Hour.	Second Hour.	Third Hour.	Fourth Hour.	Fifth Hour.
Class.	Senior	Geology.	History of Civilization.	Moral Science.	Latin or German.	
	Junior	Mental Philosophy.	Physical Geography.	Greek or French.	Physics.	
	Sophomore	Rhetoric.	Greek.	Surveying.	Chemistry.	Elocution.
	Freshman	Greek.	Algebra.	History.	Latin.	Elocution.
Sci.	Senior	Geology.	History of Civilization.	Moral Science.		German.
	Junior	Mental Philosophy.	Physical Geography.	Meteorology.	German.	
	Sophomore	Rhetoric.	French.	Surveying.	Physics.	Elocution.
	Freshman	French.	Algebra.	History.	Chemistry.	Elocution.

SECOND TERM.

	Class.	First Hour.	Second Hour.	Third Hour.	Fourth Hour.	Fifth Hour.
Class.	Senior	International Law.	Elements of Criticism.	Astronomy.	Greek or German.	
	Junior	Zoology.	Mental Philosophy.	Latin or French.	Physics.	
	Sophomore	Anal., Geom. & Calculus	Latin.	Logic.	Chemistry.	Elocution.
	Freshman	Greek.	Geometry.	English Literature.	Latin.	Elocution.
Sci.	Senior	International Law.	Elements of Criticism.	Astronomy.		German.
	Junior	Zoology.	Mental Philosophy.	Analytical Mechanics.	German.	
	Sophomore	Anal., Geom. & Calculus	Chemical Analysis.	Logic.	Physics.	Elocution.
	Freshman	French.	Geometry.	English Literature.	Chemistry.	Elocution.

THIRD TERM.

	Class.	First Hour.	Second Hour.	Third Hour.	Fourth Hour.	Fifth Hour.
Class.	Senior	Natural Theology.	Butler's Analogy.	Latin or German.	Astronomy.	
	Junior	Greek or French.	Anatomy.	Physics.	Political Economy.	
	Sophomore	Latin.	English Philology.	Botany.	Greek.	Elocution.
	Freshman	Constitution of the U. S.	Greek.	Latin.	Trigonometry.	Elocution.
Sci.	Senior	Natural Theology.	Butler's Analogy.		Astronomy.	Agriculture.
	Junior	Analytical Mechanics.	Anatomy.	German.	Political Economy.	
	Sophomore	Chemical Analysis.	Integral Calculus.	Physics.	French.	Elocution.
	Freshman	Constitution of the U. S.	French.	Botany.	Trigonometry.	Elocution.

PREPARATORY DEPARTMENT.

First Year.

FIRST TERM.

Geography—Guyot's Common School; Map Drawing.
Arithmetic—Stoddard's Complete.
English Grammar—Etymology.
Latin—Commenced.

SECOND TERM.

Geography—Guyot continued; Map Drawing.
Arithmetic continued.
English Grammar—Syntax.
Latin—Grammar and Reader.

THIRD TERM.

Arithmetic—Completed.
English Grammar—Analysis of Sentences.
Latin—Grammar and Readers.
Greek—Bullion's First Lessons.

Second Year.

FIRST TERM.

Algebra—Robinson's Elementary, to Involution.
Book-keeping.
Cæsar—Latin Grammar.
Greek—Grammar and Reader.

SECOND TERM.

Algebra—Robinson's Elementary, Completed.
History of the United States—Anderson's,
Cicero's Orations—Bullion's Latin Grammar.
Greek—Grammar and Reader.

THIRD TERM.

Geometry—Robinson, First Five books.

History of the United States—Completed.
Virgil—Three Books of Æneid; Latin Grammar.
Xenophon's Anabasis; Greek Grammar.

Regular lessons in Writing, Spelling, Elocution and English Composition from beginning.

The course preparatory to the Scientific, the Engineering and the Military Departments is the same as the above with the substitution of Citizen's Manual, one term, Cutter's Physiology, two terms, and Watts on the Mind one term, respectively, for the studies in Greek.

The studies preparatory to the Agricultural Department are as follows:

First Term—Algebra; Arithmetic; Grammar; Geography.

Second Term—Algebra; Arithmetic; Grammar; History U. S.

Third Term—Geometry; Arithmetic; Grammar; History U. S.

SCHEDULE OF DAILY RECITATIONS.

PREPARATORY DEPARTMENT.

FIRST TERM.

YEAR.	FIRST HOUR.	SECOND HOUR.	THIRD HOUR.	FOURTH HOUR.	FIFTH HOUR.
Second Year.....	Algebra.	Greek Reader, or Physiology Comp	Cæsar.	Book-keeping.	
First Year.....	Geography.	English Grammar 1st English Grammar 2d.	Latin Lessons. Latin Lessons.	Arithmetic.	Reading or Writing.

SECOND TERM.

Second Year..	Algebra.	Cicero.	Greek Reader or Physiology Comp.	History U. S.	
First Year..	Geography.	Latin Reader. Latin Reader.	Arithmetic.	English Grammar.	Reading or Writing.

THIRD TERM.

Second Year..	History, U. S.	Anabasis, or Watts on the Mind.	Virgil.	Geometry.	
First Year..	Arithmetic.	Greek Lessons, or Citizen's Manual.	Latin Reader. Latin Reader.	English Grammar.	Reading or Writing.

GENERAL REMARKS.

ORIGIN OF THE UNIVERSITY.

The subject of advanced education has been, in various forms, before the people of West Virginia for years, but without any liberal provision having been made for the same until quite recently. The Constitution of the State makes it the duty of the Legislature to "foster and encourage Moral, Intellectual, Scientific and Agricultural improvement; and to make provision for the organization of such Institutions of learning as the best interests of general education may demand." The National Congress having donated certian lands "in order to promote the liberal and practical education of the industrial classes in the several pursuits and professions in life," the Legislature accepted the same, and appointed a Board to organize the Institution, with instructions to "establish Departments of Education in Literature, Science, Art, Agriculture and Military Tactics—including a Preparatory Department."

ENDOWMENT AND FUNDS.

The proceeds of the sale of Congressional lands amounted to $90,000. The citizens of Morgantown contributed in grounds, buildings and money, about $50,000. The Legislature realizing the necessity and immense value of such an Institution, its incalculable worth to the youth of the Commonwealth and of the country, has increased the endowment to about $110,000, with annual appropriations for current and contingent expenses. As no part of the Congressional grant can be applied to the erection of buildings (one-tenth only being allowed for the purchase of an experimental farm), the Legislature has also made provision for the supply and keeping in order of such buildings as the growth of the institution may, from time to time, demand. Every interest of West Virginia requires that she furnish her sons the best possible educational advantages within her own borders.

NAME AND GOVERNMENT.

At the beginning, in common with some other National Colleges, it was simply called the "Agricultural College." Having been, however, fully adopted by the State, and the means originally supplied to aid in its establishment being further supplemented by the Legislature, an act was passed, pursuant to the recommendation of the Governor, ordering that it should thereafter be known by the style and designation of "West Virginia University." It is under the immediate oversight of a Board of twelve Regents, one from each Senatorial district, appointed by the State and required to report annually, through the Governor to the Legislature. The bitterness of partisan and sectarian disputes is excluded from its Halls, and every effort made to secure to each student the full advantage of a broad and manly culture.

SCOPE.

This is entirely in accord with the original design of the institution, as seen in the first paragraph of these "General Remarks" The act of Congress contemplated the founding of institutions that would furnish not only "*practical*" but also "*liberal* education"—education "in the several *pursuits*," and just as certainly "in the several *professions*," of life. It forbids the exclusion of "classical studies," and requires attention to Agricuitural and Mechanical Education, Military Tactics, etc. The act of the Legislature contemplated a school of general instruction, and directed the Board to organize several distinct departments, as above enumerated, in the interest of the *people* of the State and of the Nation.

We trust that in the extent and in the quality of its work, and the thoroughness of its discipline and culture, as well as well as adaptation to the demands of the age, the University will prove itself deserving of no second rate position among the institutions of our land. It designs, by its instruction in Literature and Art; in Language, ancient and modern; in Mathematics, pure and applied; in the Sciences, agricultural, physical, mental, moral and social; by its recitations, lectures, examinations and elevating influences, to educate, inform and discipline the student's mind; to strengthen his moral principles, and supply such general and generous, as well as special, culture as will best prepare him for success and usefulness in any pursuit or profession in life.

OPPORTUNITIES AFFORDED.

The work which the University is accomplishing can be readily understood from the Courses of Study prescribed in each of the Departments as already set forth.

We call special attention, however, to some features of the following Departments, viz:

THE AGRICULTURAL.

Young men who desire to study only such branches as will enable the Farmer to pursue his calling with intelligence and profit will here find, at small expense of time or means, all they need in the way of a sound, practical education. They are not required to study any language but their own, nor go in mathematics farther than land surveying. Those deficificent in elementary studies must spend at least one year in Preparatory studies before entering this Department.

THE MILITARY.

The law provides that four Cadets may be appointed for each Judicial Circuit in the State These are educated free of cost for tuition, books, stationery, &c For such as desire a military and engineering education, this department is provided. Cadets, however, are not limited to this, but may pursue their studies in any department of the University, subject to the general regulations laid down in the Code for the Cadets. Other students are permitted to drill, on condition that they provide themselves with the neat and becoming uniform of the Corps. Drill occupies one hour on each of four days in the week. The United States Government liberally furnishes the special supplies required for this department. These are of the latest and most improved construction.

Applicants for admission to the Corps should address the regent of the Judicial Circuit in which they reside.

THE PREPARATORY.

But comparatively few of our young men in West Viaginia have home advantages for properly and fully preparing themselves to enter upon regular College studies. This Department has proved a fruitful source of supply for the higher classes, and also the means of maintaining an elevated grade of preliminary scholarship for admission to them. As the High Schools, Academies and Graded Schools of the State increase in number and efficiency, in the same proportion will the necessity of this Department diminish. Meanwhile, and until their increase and fuller development, it cannot be dispensed with without lowering the standard of Collegiate Study proper, or shutting out from the advantages of the Institution many of the best and most promising young men of the State. Nowhere else can young men be better prepared for advanced studies, or, if this is not contemplated, accomplish more thoroughly and advantageously such studies as are here provided.

Those who do not contemplate a full course, can also here be furnished with instruction in such preparatory studies as they may desire to pursue.

An Optional Course is allowed those students whose special tastes or necessities prevent them from graduating in any of the regular Depart-

ments- Parents and guardians of students who expect to attend the University are, however, earnestly advised to direct their studies with a view to entering one of the regular Departments. The attention of those who teach in our intermediate schools is also respectfully invited to this suggestion.

During the Spring Term of each year (beginning on the last Wednesday of March), unusual facilities are provided for all who may desire, either to take a short and limited course, or to fit themselves for the higher grades of teaching, clerking, or other *specialties*. All needed assistance in this work being rendered by the several Professors of the University, superior advantages are thus afforded to all comers.

NORMAL INSTRUCTION.

During each Term classes are formed in the Theory and Practice of Teaching, under the charge of an able and experienced instructor. Lectures are from time to time delivered before the class by the several members of the Faculty. The daily contact of the students in the classroom with their teachers, observing their methods and studying their plans, affords fine opportunities in this department of instruction. Nowhere in the State are afforded better facilities for practical Normal drill. A reference to the present occupations of our Alumni in the former part of this catalogue, will show the positions, as teachers, our graduates are enabled immediately to secure and retain.

EXAMINATIONS.

I. Each student, at the close of the Term, shall stand a public written examination upon all the studies which he has pursued during that Term No student shall be excused for non-attendance on such examinations, except upon presentation of a reason which may be considered valid by the Faculty. No student who may be absent, and not thus excused, shall be allowed to continue in connection with the University. If at the close of any Term a student shall have failed to attain a standing of 6, on a scale of 10 owing to a failure in examination, he shall be informed of the fact, and he may be allowed to stand a special examination under the same Committee at any time before the beginning of the next College year.

II. The examination of each class be conducted by a committee composed of *three* members of the Faculty, who shall, within three days next preceding the examination, select a series of question, not less than nine nor more than fifteen in number. and submit the same in writing to the class at the time of examination.

III. After examination the committee shall examine the papers and determine the standing made by each student in examination, which shall be considered the equivalent of one month's standing in recitation.

IV. Before a student shall be entitled to enter a higher class he shall, on a scale of 10, have attained a minimum standing of 6 in each study belonging to his class, which shall be determined by the average of his recitations and examinations.

V. Students who have not before been at the University should, on their arrival, report themselves to the President, and by him be assigned to such department and studies as they may desire and be prepared to enter. When a regular course of study is once adopted the student is not allowed to vary from it, or change to another, without permission.

TUITION.

Tuition in the Preparatory Department	$5 00	per term.
" in other departments	8 00	"
Contingent Fee in Preparatory Dep't	2 00	"
" " in other departments	2 00	"

BOARDING AND EXPENSES.

The University does not board students. Ample provision for this purpose is made in private families of the town and vicinity. The cost, including furnished rooms, fuel and everything needed, except washing and light, varies from $3 50 to $4 00 per week. Some board in clubs at still lower rates, varying from $1 50 to $2 50 per week, according to the style of living adopted.

Incidental expenses depend on the habits of the student. The law prohibits students incurring debts at stores, groceries, &c., except on written order of parents, guardian or teacher. Unnecessary and lavish expenditures induce not only waste of time and means, but neglect of study and formation of bad habits

The *necessary* expenses for the college year of forty one weeks are less here than in any other place known to us, where the same quality of instruction and other equal advantages are furnished.

PRIZES.

The Regent's Prize.—To the student who shall write the best essay upon a given subject, $25. To the student who shall be adjudged the best declaimer, $15. These prizes to be awarded after public competition, by a committee of citizens appointed by the Faculty.

These were awarded at the last contest as follows, viz:

Benjamine S. Morgan, Essay	$25 00
I. Davisson, Declamation	15 00

DISCIPLINE.

The rules of the University require that every student shall be in his place at all stated exercises from the opening to the close of his connec-

tion with the University. A record is kept in which are entered the grade of Scholarship of each student, his abscence from the exercises of the institution, his tardiness, or failure in recitation, unless satisfactorily accounted for. An abstract of this record, is sent at the close of each term, to parents or guardians, so that they may see what and how their sons and wards are studying, and how they stand in scholarship and deportment. In case of negligence, irregularity, or other misconduct, the student will be privately admonished and the parent or guardian will be informed of the fact. Mere inattention to study will if persisted in, insure dismissal from the University. No student is allowed to leave the precincts of the University during term time without special permission.

The attention of parents and guardians is especially called to the fact that all exercises begin promptly on the day stated in the calendar, and that it is essential to the best interest of the student and of his classmates that he be punctual in his place from the first day of the term till the last. No excuse will be accepted for absence unless such absence is unavoidable. It must be distinctly understood that students are allowed to enter only on condition that they comply with the rules of the University, and apply themselves punctully and without interruption to their prescribed studies. College duties once assumed required to student's full time, and no extra work taken up by himself or imposed by others, and no absence for the mere pleasure of the student or his friends can be allowed to interfere with those duties.

The government of the students proceeds upon an entirely Christian basis. Kindness, gentleness and trustfulness are relied upon rather than sternness, impatience and suspicion. In such an atmosphere, all noble and manly qualities ripen, and students learn to demean themselves as Christian gentlemen. Students are encourged and incited to form habits of economy, industry, self-reliance, truthfulness and purity, and thus to become a law unto themselves.

RELIGIOUS INSTRUCTION AND WORSHIP.

The exercises of each day are opened with reading the Scriptures, singing and prayer, at which all the students are required to be present. They are also required, unless for sufficient reason excused, to attend regularly some place of religious worship on the Sabbath, and on all occasions to treat the institutions of religion with respect. The institution is entirely free from sectarian control or domination.

In the internal management and practical working of the institution, there is not now, and never has been, the slightest denominational friction.

LIBRARY.

A respectable beginning towards a University Library has been made. About four thousand volumes have been carefully selected and placed on

its shelves, including, not only many choice and valuable books of reference, but also standard works in the various departments of History, Biography, Theology, Agriculture, Arts, Science and General Literature.

We respectfully request the friends of Education to make contributions to its shelves. In addition to those hitherto granted, the following donations have been received during the year:

Vols.	Title.	Donor.
19	Swedenborg's Works	Amer., Swed., Prtg. and Publ Soc.
1	Memorial Addresses—A. Johnson	
1	" " O. J. Ferry	
1	" " Henry Wilson	
1	Washington Astronomical and Meteorological Observations	Secretary of the Navy.
1	Draining of Lake Ticino, with maps	Secretary of State.
6	Congressional Record	Assistant Secretary of the Interior.
2	U. S. Coast Survey	Secretary of the Navy.
2	Smithsonian Contributions to Knowledge	Superintendent Smithsonian Instit'te.
3	Smithsonian Reports for 1868–70–75	" " "
1	Congressional Directory	Assistant Secretary of the Interior.
12	Messages and Documents	" " "
3	Report of Commissioner of Education	" " "
3	Department of Agriculture	" " "
6	Executive Documents	" " "
1	Report of Committees—Affairs in Alabama	" " "
1	House Journal, 2d Session 43d Congress	" " "
1	" " 1st Session 44th Congress	" " "
1	Senate " 2d Session 43d Congress	" " "
1	" " 1st Session 44th Congress	" " "
1	Report of Committees—Alien Claims	" " "
2	" Secretary of Interior	" " "
1	" " Navy	Secretary of the Navy.
3	" Committees, 2d Ses. 43d Congress	Assistant Secretary of the Interior.
3	House Miscells., 2d Session 43d Congress	" " "
1	Hand Book of Specimens	
1	The Empire of Brazil at the Universal Exposition, Philadelphia, 1876	
1	Finance Report, 1876	
1	Medical and Surgical History of the Rebellion—Part II	
1	Report of the Comptroller of Currency	
	" " District of Columbia	
1	Special Report on Public Libraries	Assistant Secretary of the Interior.
1	Acts and Resolutions, 1st Ses. 43d Congress	" " "
1	Illustrated History of Centennial Exhibition, by McCabe	Regent L. S. Hough.
1	Foreign Relations of the United States, 1874, 1875–6	
2	Report of Secretary of War	
1	West Virginia Reports, Vol. VII	Hon. C. Hedrick.
4	Reports of U. S. Commissioners to Vienna Exposition	
1	History of Free Trade in Tuscany	
1	Official Gazette of U. S. Patent Office, July, 1876	
1	Official Gazette of U. S. Patent Office, August, 1876	
1	Report, &c., of University of Missouri	
4	Nautical Almanac for 1870–77–78–79	Superintend't Bureau of Navigation.
1	Centennial Album	Agricultural Department.

Total 103.

Nearly all the weekly journals of the State, the Tri-weekly Wheeling *Register*, the Daily Wheeling *Evening Standard*, and valuable religious papers of all the leading religious denominations, are gratuitously sent to the reading room of the University.

MUSEUM, APPARATUS, &c.

The University is in possession of apparatus requisite for thorough illustration of Chemistry and Physics.

Several valuable articles of apparatus have been obtained for the departmert of Astronomy and Physics, including a Smithsonian Barometer, by Greene, of New York; a Sextant, by Crichton, of London; and a Clock with Zinc Compensation, by E. Howard & Co., of Boston. A seven ft. Telescope has been constructed by John Byrne, of New York. It is equatorially mounted with right ascension and declination circles and is a first-class instrument in every respect.

The department of History has been furnished with a large map of the United States, and a fine set of Bretschneider and Spruner's Historical Wall Maps, ten in number, from the German publishing house of Justus Perthes, of Gotha Three of White's new Maps of West Virginia, have also been provided for use in different departments of the University.

The Museum contains extensive Mineralogical, Geological and Conchological cabinets, together with many specimens in other departments of Natural History. We request all who are interested in such matters to send suitable specimens for the museum, especially Indian relics, shells, minerals, fossils, and alcoholic specimens of animals. Such donations will be acknowledged and carefully labeled with the name of the donor. There are already over 2,000 specimens of minerals and fossils, and more than 2,300 of recent shells.

CENTENNIAL GIFTS.

The University has received important additions to its cabinets in the shape of minerals, coals, woods, building stones, etc., all derived from the State of West Virginia, and being a part of her exhibit at the Centennial Exhibition. This will be very useful as illustrating in part of the resources of the State.

It has also received from Mr. Zephaniah Myers, of Black Hawk, Colorado, an interesting suite of gold and silver bearing ores, collected from a number of mines in that State.

The following specimens have been presented to the University:

A specimen of Lava, from the Lava Beds of Montana, by Dr. Joseph McLane.

Stuffed White Weazel, by J. Plummer Fitch.

Two specimens of Moss Agate, by Miss Ella Fordyce.

A Copperhead Snake, in alcohol, by J. M. Lee.

A stuffed Rattlesnake, by Richard Loor.

A Beetle, from Tyler county, by Col. D. D. Johnson.

A Horned Frog, from Colorado, and a Cecropia Moth and Cocoon, by Hon. Geo. C. Sturgiss.

Indian Dress and Equipments, by Col. J. Lowry McGee

The vicinity of the University offers unrivalled advantages for the study of practical Geology. Especial attention will be paid to this branch.

The labratory of Practical Chemistry is in operation. The instruction for the present is devoted chiefly to analysis, with its application to agriculture.

UNITED STATES SIGNAL STATION.

By direction of General Myer, Chief Signal Officer of the Army, a signal station has been established at the University for the benefit of Commerce, Agriculture and Science. It is, at present, in charge of Sergeant L. Dunne, S. S., U. S. Army. Students are by this means furnished with special advantages for the study of Meteorology and related subjects. The frequent and carefully recorded observations taken by means of the most improved instruments will furnish accurate and reliable data for, hereafter, estimating climatic changes in West Virginia. By this means also, the newspapers, boards of trade, and river men generally, at Pittsburgh, Wheeling and Cincinnati, if they so desire, can be reliably advised of special movements in the river at the head of navigation. An abstract of the observations at this station for the year 1875, is printed at the end of the catalogue. Sergeant Dunne also teaches Telegraphy and Signaling.

LITERARY SOCIETIES.

There are two of these in connection with the University, supplied with suitable halls, tastefully furnished, whose exercises in Composition, Reading, Orations, Debate and Criticism are, in many respects, of great advantage to the student. They also afford facilities for the study of and acquaintance with Parliamentary forms, and the acquisition of business habits. The authorities of the University will afford every facility for increasing the accommodation and usefulness of these valuable auxiliaries.

LOCATION.

Morgantown, the seat of the University, is beautifully located on the right bank of the Monongahela river, Monongalia county, West Virginia. The scenery around is exceedingly attractive and picturesque. The place has long been famous for its social, intellectual and moral culture, and general healthfulness. Coaches leave every morning to and from Fairmont, on the Baltimore and Ohio Railroad. There is also a daily conveyance between Morgantown and Uniontown, Pa. Steamboats from Pittsburg arrive every day at Geneva, twelve miles below Morgantown, and Congress has made liberal appropriations for the continuance of slackwater navagation in the Monongahela as far as Morgantown. A place more eligible for the quiet and successful pursuit of Science and Literature is nowhere to be found.

GROUNDS AND BUILDINGS.

These are will situated, and admirably adapted to the purposes of the University. They are immediately outside, and within a few minutes walk of Morgantown. The grounds command a fine view of the village and of the surrounding country as far as the western ranges of the Allegheny mountains. The buildings are models of architectural beauty capacity, solidity and convenient arrangement. In addition to University Hall, the Armory has been finished and is now occupied. The central part of the new building has, also, been finished, and the approaching Commencement Exercises will be held in its spacious and elegant Hall

NOTE.—There have been no licensed Taverns or Saloons in the place for several years past.

SIGNAL SERVICE, U. S. ARMY.

DIVISION OF TELEGRAMS AND REPORTS FOR THE BENEFIT OF COMMERCE AND AGRICULTURE.

ANNUAL MEANS, 1876.

DATE.	BAROMETER.							THERMOMETER.							WIND.							Am't of rain and melted snow.			
	Mean.	Mean of—			Range.			Mean.	Mean of—			Range.			Prevailing direction.	Number of Miles.					Total.	Am't in inches.	No. of days on which rain or snow fell.	Number of Auroras.	Humidity.
		A. M. observation.	P. M. observation.	Night observation.	Highest.	Lowest.	Difference.		A. M. observation.	P. M. observation.	Night observation.	Maximum	Minimum.	Difference.		Noon to 6 P. M.	6 P. M. to midnight.	Midnight to 6 A. M.	6 A. M. to noon.	Max'm velocity during mo.					
1876.																									
January	30.135	30.174	30.110	30.130	30.627	29.478	1.149	41.6	38.4	45.3	40.3	72	12	60	S. W.	2145	1382	1356	1710	43	6593	4.25	18	0	67
February	30.079	30.142	30.046	30.076	30.881	29.132	1.749	39.6	33.8	45.0	38.1	71	2	69	S. W.	1755	1078	1087	1395	40	5315	3.85	19	1	68
March	30.022	30.042	29.943	29.981	30.534	29.232	1.302	39.3	34.7	44.2	38.4	76	9	67	S. W.	1995	1316	1352	1643	37	6306	4.97	21	0	63
April	29.985	30.017	29.938	29.994	30.373	29.434	0.939	50.9	47.5	56.6	48.1	79	28	51	S. W.	2129	1039	697	1381	42	5246	2.80	18	0	55
May	29.996	30.027	29.942	30.011	30.329	29.677	0.625	63.1	61.4	70.1	57.9	88	34	54	S.	1419	609	421	1133	36	3582	3.26	13	0	62
June	29.933	29.967	29.891	29.949	30.131	29.670	0.461	73.1	73.0	78.5	67.8	90	53	37	S. W.	1482	494	286	1118	30	3380	3.00	17	0	67
July	29.986	30.015	29.931	29.994	30.162	29.775	0.387	75.0	72.8	81.2	71.4	95	55	40	S.	1467	552	370	1000	60	3389	9.35	17	0	72
August	30.023	30.062	29.973	30.030	30.208	29.715	0.493	72.9	69.3	79.6	69.4	90	48	42	S. W.	Instr	um'nt	dism	'nted	25	2208	3.77	15	0	72
September	29.950	29.975	29.912	29.956	30.171	29.678	0.493	62.3	59.3	66.9	60.0	81	43	38	S. W.	1349	675	747	1130	36	3901	7.16	29	0	79
October	29.994	30.027	29.940	30.014	30.409	29.401	1.008	49.7	44.6	56.5	46.2	82	25	57	S. W.	1900	937	759	1421	42	5017	1.63	13	0	68
November	29.967	30.000	29.936	29.971	30.327	29.461	0.866	42.3	39.7	45.6	41.1	74	22	52	S. W.	1408	943	850	1256	30	4457	2.17	20	0	76
December	30.052	30.087	30.038	30.058	30.543	29.124	1.419	24.8	22.5	27.1	23.9	52	4	56	S. W.	1739	1362	1590	1792	54	6483	1.95	21	0	71
An'l m'ns	30.010	30.045	29.967	30.014	30.391	29.481	0.910	52.9	49.8	58.0	50.2	79.2	27.2	51.9	S. W.	18788	10387	9515	14979	60	55887	48.16	212	1	68

WEST VIRGINIA UNIVERSITY.

SIGNAL SERVICE, U. S. ARMY—*Continued.*

GENERAL REMARKS.

January.....	Lunar halos, 3; solar halos, 1; trees in bud, 18th; meteor, 3d.
February.....	Lunar halos, 1; solar halos, 1; wild fowls; roses in bloom, 11th; aurora, 19th; thunder storm, 28th; floating ice, 5th, 6th, 7th.
March.....	Lunar halos, 1; solar halos, 2; wild fowls; peaches in bloom, 5th; thunder storm, 15th, 24th.
April	Lunar halos, 1; wild fowls; martins returned, 13th; swallows returned, 14th; thunder storms, 13th, 20th; last snow, 26th.
May	Thunder storms on 12th, 15th, 17th, 18th, 21st, 22d; potato bugs, 8th; last frost, 14th.
June.....	Thunder storms on 2d, 3d, 12th, 23d, 25th, 27th, 28th; solar halo, 1; lunar halo, 1; hail, 19th; fireflies, 3d; grain and fruit crops best for years.
July.....	Thunder storms on 1st, 2d, 4th, 5th, 10th, 11th, 12th, 13th, 14th, 20th, 23d; lunar halos, 2; mean thermometer, hottest day, 85.50°, on 10th.
August	Thunder storms on 7th, 11th, 13th, 17th, 24th, 25th; lunar halo, 1; meteors, 32 on 9th and 69 on 10th.
September.....	Thunder storms on 8th, 10th, 14th; lunar halo, 1.
October	First frost, 7th; first ice, 12th; first snow, 14th; wild geese, 27th.
November	Meteors, 5th; wild geese, 9th and 10th; lunar halos, 2.
December.....	Mean thermometer, coldest day, 3·00°, on 9th; river closed by ice on 9th, remain closed at end of year; lunar halos, 3; meteors, 12th, 25th.

Prepared by authority of the Chief Signal Officer of the Army, by

Station—MORGANTOWN, W. VA.,

West Virginia University.

L. DUNNE,

Sergeant Sig. Ser. U. S. Army.

CATALOGUE

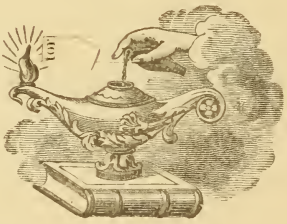
OF

West Virginia University,

MORGANTOWN.

For the Years 1878-79.

WHEELING:
W. J. JOHNSTON, PUBLIC PRINTER,
1878.



Calendar.

According to an order of the Regents, August 11th, 1875, the University year includes forty-one weeks and is divided as before, into three terms.

The First Term begins on the first Wednesday of September, and continues fifteen weeks.

There is then an interval of about two weeks including the Christmas holidays.

The Second Term begins on the first Wednesday of January, and the Third, on the last Wednesday of March.

The Annual Commencement is on the Fourth Thursday of June.

Prompt attendance at the beginning of each term is very important to the student

1878.

June 20th.—Thursday, 9 A. M.—Annual Examination begins.
21st.—Friday, 7:30 P. M.—Regents' Prize Contest.
23d.—Sunday, 3 P. M.—Baccalaureate Sermon, by the President
24th.—Monday, 7:30 P. M.—Reunion of class of 1873.
25th.—Tuesday, 7:30 P. M.—Annual Meeting of West Virginia Historical Society.
26th.—Wednesday, 7:30 P. M.—Address to the Literary Societies.
27th.—Thursday, 9 A. M.—Commencement Day.—7:30 P. M. Public Contest of the Literary Societies.
September 4th.—Wednesday, 9 A. M.—Examination of Candidates for admission.
5th.—Thursday, 9 A. M.—Regular work of 1878-79 begins.
December 17th.—Tuesday.—First Term ends.

Christmas Vacation of Two Weeks.

1879.

January 1st.—Wednesday, 9 A. M.—Second Term begins.
March 25th.—Tuesday—Second Term ends.
March 26th.—Wednesday—Third Term begins.
May 9th.—Friday.—Junior Exhibition.
June 26th.—Thursday.—Third Terms ends.

COMMENCEMENT.

Board of Regents.

No of Dist.	Name of Regent.	P. O. Address.
1.	B. W. Allen,	Wheeling.
2.	James Morrow, Jr.,	Fairmont.
3.	M. S. Hall,	Harrisville.
4.	D. D. Johnson,	Long Reach.
5.	James B. Stewart,	Raymond City.
6.	H. S. Walker,	Charleston.
7.	H. C. Simms,	Huntington.
8.	A. F. Mathews,	Lewisburg.
9.	T. J. Farnsworth,	Buckhannon.
10.	[redacted]	Morgantown.
11.	John A. Robinson,	Patterson's Creek.
12.	D. B. Lucas,	Charlestown.

Officers of the Board.

———— ——, President.

A. W. LORENTZ, Treasurer.

GEORGE C. STURGISS, Secretary.

Executive Committee.

Chairman.

JOHN J. BROWN.

JESSE J. FITCH.

DAVID H. CHADWICK.

Secretary.

GEORGE C. STURGISS.

Superintendent of Grounds and Buildings.

E. SHISLER.

Faculty and Teachers.

REV. J. R. THOMPSON, A. M., PRESIDENT.

Prof. of Mental and Moral Science.

F. S. LYON, A. M., VICE-PRESIDENT.

Prof. of History, Political Economy and Belles Lettres.

WM. M. FONTAINE, M. A.,

Prof. of Agriculture, Chemistry and Physics.

ROBT. C. BERKELEY, M. A.,

Prof. of Ancient Languages and Literature.

JOHN I. HARVEY, A. M.,

Prof. of Modern Languages and Literature.

ISRAEL C. WHITE, A. M.,

Prof. of Astronomy and Natural History.

JAMES M. INGALLS, LIEUT. U. S. A.,*

Prof. of Military Science and Mathematics.

A. W. LORENTZ, A. M.,

Principal of the Preparatory Department.

*E. T. C. Richmond, Lieut. U. S. A., occupied this position until the beginning of the second term.

FACULTY—Continued.

D. B. PURINTON, A. M.,

Instructor in Vocal Music and Assistant in Preparatory Department.

JAMES S. STEWART, B. S.,

Assistant in Preparatory Department.

HUGH W. BROCK, M. D.,

Lecturer on Physiology and Hygiene.

HON. JOHN A. DILLE, A. M.,

Lecturer on Civil and Constitutional Law.

SERG'T L. DUNNE, SIG. SERV. U. S. A.

Meteorological Observer and Instructor in Signaling and Telegraphing.

LECTURERS.

HON. CHARLES J. FAULKNER,
REV. W. K. PENDLETON, D.D.
HON. CHARLES DAVIES.
HON. WAITMAN T. WILLEY,
O. S. LONG.
HON. B. F. MARTIN.
REV. J. D. MOFFAT, A. M.
REV. A. C. GEORGE, D.D.

WM. DANCER, *Janitor.*

Alumni.

1870.

DENT, MARMADUKE H., A. M.—Attorney-at-Law, Grafton, W. Va.

1871.

DILLE, OLIVER H., M. S.—Farmer, Morgantown.

JOLLIFFE, WM. E., A. M.—Farmer, White Day, W. Va.

1872.

DRABELL, JOHN H., A. M.—Attorney-at-Law, Des Moines, Iowa.

MCLANE, ALLEN E., A. M.—Commercial Agent, Mansfield, Ohio.

SMITH, BENJ. W., A. M.—Attorney-at-Law, Minneapolis, Minn.

WHITE, ISRAEL C., A. M.—Prof. of Astronomy and Nat. Hist. in W. Va. University, Morgantown, and Assistant Geologist on Pennsylvania Geological Survey.

1873.

BABB, CHAS. M., A. M.—Farmer, Greenland Gap, W. Va.

BORDER, DANIEL W., A. M.—M. D., Kearneysville, W. Va.

BOUGHNER, WM. L., M. S.—Attorney-at-Law, Oakland, Md.

BROWN, JAMES F., A. M.—Attorney-at-Law, Charleston.

BULLOCK, EDMUND T., A. M.—Attorney-at-Law, Parkersburg.

HARRIS, JOHN T., M. S.—Journalist, Peoria, Ill.

LINCH, GEORGE P., M. S.—Attorney-at-Law, Wheeling.

MCCLURE, TAYLOR B., M. S.—Prin. of Lawrence Academy, Louisa, Ky.

PRICE, THOMAS H., M. S.—M. D., Morgantown.

PRITCHARD, WM. T., M. S.—Fairmont, W. Va.

PURINTON, DANIEL B., A. M.—Instructor in Vocal Music and Assistant in Preparatory Department, W. Va. University, Morgantown.

TEMPLE, MARCELLUS L., A. M.—Attorney-at-Law, Osceola, Iowa.

WATERS, JAMES T., A. M.—Attorney-at-Law, New York City, N. Y.

1874.

CHADWICK, RICHARD V., A. B.—Attorney-at-Law, Morgantown.

DEAN, JOHN S. W., A. M.—Prof. Ancient Languages, Penn. State College.

HOWELL, WM. M., A. B.—Licentiate of Union Theo. Seminary, N. Y.

JACOBS, THOS. P., A. B.—Attorney-at-Law, New Martinsville.

LYNCH, CHAS. W., A. B.—Student of Law, Clarksburg.

MORAN, ELLSWORTH E., A. B—Minister of the Gospel, New Egypt, N. J.

WOODS, FRANK, A. M.—Attorney-at-Law, Pruntytown.

1875.

ADAMS, SAMUEL SHUGERT, A. B.—First Ass't, Children's Hospital, D. C.

DOLLIVER, R. H., A. B.—Attorney-at-Law, Fort Dodge, Iowa.

DOLLIVER, J. P., A. B.—Student of Law, Fort Dodge, Iowa.

GOLDEN, FRANKLIN A., B. S.—Prin. Marshall School, New Orleans, La.

MARTIN JAMES V., A. B.—Teacher in Indiana.

PETERSON, J. J., A. B.—Prin. Graded School, Weston, Lewis County.

PURINTON, A. L., A. B.—Prof. Marshall College, Huntington.

1876.

ANDERSON, JOHN C., B. S.—Farmer, Monongalia County,

FRASHER, LUKE H., A. B.—Tippecanoe, Pa.

HUBBARD, HARRY DANA, B. S.—Farmer, Connecticut.

ISON, WILLEY OWENS, A. B.—Teacher, Hancock, Md.

KEMP, HOWARD MASON, B. S.—Merchant, Bloomington, Md.

LAIDLEY, GEORGE SUMMERS, B. S.—Principal Graded School, Charleston.

NASH, JAMES HENRY, B. S.—Attorney-at-Law, Putnam County.

RAMAGE, THOMAS C., B. S.—Prin. Graded School, West Milford.

WETZEL, DANIEL ELLIOT, A. B.—Physician, Parkersburg,

1877.

BROWN, WILLIAM GAY, A. B.—Student of Law, Kingwood, Preston Co.

DILLE, CLARENCE B., A. B.—Student of Law, Morgantown.

HAWTHORN, JOSEPH H., A. B.—Principal Union School, Kingwood.

HOOD, THOMAS M., A. B.—Physician, Fairmont.

ROGERS, DANIEL R., A. B.—Student of Medicine, Morgantown.

SMITH, EVERETT C., B. S.—Principal Union School, Ravenswood.

SNIVELY, HARRY J., A. B.—Teacher, Grafton.

STEELE, JOHN L., A. B.—Student of Law, Morgantown.

STEWART, JAMES T., B. S.—Instructor in Preparatory Department W. Va. University, Morgantown.

Undergraduates.

Seniors.

COURTNEY, ALPHEUS F.	Sci.	Randall, Monongalia Co.
DAYTON, ALSTON GORDON	Class.	Philippi, Barbour Co.
LEE, JAMES MCMILLEN	Class.	Holliday's Cove, Hancock Co.
MORGAN, BENJAMIN S.	Class.	Laurel Point, Monongalia Co.
MARSH, ENOCH JASPER.	Class.	Morgantown.
RICH, DANIEL	Class.	Laurel Point, Monongalia Co.

Juniors.

PURINTON, GEORGE DANA	Class.	Morgantown.
WADE, SPENCER	Sci.	Morgantown.

Sophomores.

CAPEHART, JOHN CLARENCE	Opt.	St. Albans, Kanawha Co.
DAVISSON, ITHAMAR	Opt.	Webster, Taylor Co.
GRAFTON, CHARLES EDWIN	Sci.	New Cumberland, Hancock Co.
HARDIE, JOHN ROBERT.	Opt.	Grafton, Taylor Co.
HAYMOND, FRANK THOMPSON	Opt.	Morgantown.
HUSTEAD, ASHBEL FAIRCHILD.	Opt.	Morgantown.
KEENAN, B. L.	Sci.	Maidsville, Monongalia Co.
MARSH, JOHN NELSON.	Class.	Morgantown.
*PEARRE, GEO. A., JR.	Opt.	Cumberland, Md.
*PROTZMAN, L. M.	Class.	Morgantown.
ROBINSON, CLAUD ERNEST	Opt.	Patterson's Creek, Mineral Co.
WATERS, A. A.	Opt.	Laurel Point, Monongalia Co.

Freshmen.

*CHANCELLOR, E. P., JR.	Class.	Parkersburg.
COLEMAN, THEODORE V.	Opt.	Morgantown.

Class.—Classical Course. Sci.—Scientific Course. Opt.—Optional Course. Agr. Agricultural Course. *Conditioned

FRESHMEN—Continued.

Cox, A. L.....Opt.....Fairmont.

Cox, Frank.....Opt.....Morgantown.

Davisson, Floyd.....Opt.....Webster, Taylor Co.

Demain, Edward Rigden.....Opt.....Morgantown

Glasscock, J. L.....Class.....Philippi, Barbour Co.

Hall, Jesse Jasper.....Opt.....Morgantown.

Henry, C. O. O'D.....Opt.....Newburg, Preston Co.

*Hodges, Thos. E. .....Class .....French Creek, Upshur Co.

*Hyland, Wm. M.....Class .....Parkersburg.

Hough, Walter.....Opt.....Morgantown.

Lowther, Sylvester.....Opt.....Morgantown.

McVicker, Emory L.....Opt.....Morgantown.

Pearre, James Graham.....Opt.....Cumberland, Md.

Seamon, Wm. Henry.....Opt.....Wheeling.

*Silver, Howard Cooprew.....Class.....Piedmont, Mineral Co.

Vandervort, Virgil.....Opt.....Morgantown.

Wiley, John Wesley.....Opt.....Wadestown, Monongalia Co.

*Woodford Alonzo Harvey. ..Class.....Pleasant Creek, Barbour Co.

*Woods, S. V. H.....Class.....Philippi, Barbour Co.

*Zearley, Addis..... Class.....Point Marion, Fayette Co., Pa.

Preparatory Department.

FACULTY.

REV. J. R. THOMPSON, A. M.,

President.

A. W. LORENTZ, A. M.,

Principal.

JAMES M. INGALLS, LIEUT. U. S. A.,

Commandant of Cadets.

D. B. PURINTON, A. M., SECRETARY,

Instructor in Vocal Music and Assistant.

JAMES S. STEWART, B. S.,

Assistant.

PREPARATORY STUDENTS.

Second Year.

ALLEN, GEORGE ROBERTS..... ..... Grafton, Taylor County.
ANDERSON, WILLIAM FRANKLIN.....Easton, Monongalia County.
BLACKISTON, THOMAS COPPER .....Piedmont, Mineral County.
BROWN, ZALMON KENT..... .....Morgantown.
BROWN, SAMUEL BOARDMAN..... .....Clinton Furnace, Monongalia Co.
COURTNEY, DAVID HALL... ....Randall, Monongalia County.
ELLIOTT, ADONIRAM JUDSON .....Reedsville, Preston County.
FREEMAN, HARRY SMITH..... Clarksburg, Harrison County.
HAYMOND, GEORGE HIRAM..... .....Morgantown.
JEFFRIES, ELIAS DICK..... ....Arbuckle, Mason County.
JONES, BARTON MORRIS ....Laurel Point, Monongalia County.
LAWHEAD, JAMES HENRY..... .....Morgantown.
LEWELLYN, THOMAS ASBY..... .....Easton, Monongalia County.
LEWIS, GEORGE CALVERT.. ....Clarksburg, Harrison County.
MAPEL, NEWTON JAMES.....Rosedale, Greene County, Pa.
MORGAN, GEORGE WASHINGTON .....Laurel Point, Monongalia County.
SHAFER, WILLIAM CLEMENS..... .....Morgantown.
STEELE, WILLIAM ALEXANDER.....Morgantown.
TANZEY, ARTHUR EUGENE.....Morgantown.
TAPP, WILLIAM WHITFIELD .....Maidsville, Monongalia County.

First Year.

BAILEY, WILLIAM HENRY... ....Morgantown.
BAKER, GEORGE COLEMAN .....Morgantown.
BAKER, EDWARD ENZER.. ....Morgantown.
BASNETT, HILLARD SAMUEL.....Basnettsville, Marion County.

FIRST YEAR—Continued.

BEESON, BENJAMIN MEAD.....Parkersburg, Wood County.
BOYD, THOMAS MCLAIN.....Clinton Furnace, Monongalia Co.
BOYERS, LUTHER M.....Randall, Monongalia County.
CARSKADON, NEWTON BABB.....Keyser, Mineral County.
CHIDESTER, GRANVILLE MONTCALM.....Weston, Lewis County.
DAVIS, ELZA.....Maidsville, Monongalia County.
DICKSON, JOHN ROBERT.....Morgantown.
GANS, WILLIAM GORDON.....Easton, Monongalia County.
GREGG, OSCAR COOPER.....Morgantown.
HALL, IRA E.....Laurel Point, Monongalia County.
HARE, ALFRED JARRETT.....Morgantown.
HAWTHORNE, JAMES EDMUND.....Randall, Monongalia County.
HAYES, CHARLES A.....Morgantown.
HENRY, JAMES.....Sycamore Dale, Harrison County.
HOARD, VIRGIL EMERY.....Stewarttown, Monongalia County.
HOOD, FRANK.....Rivesville, Marion County.
HOOD, SMITH.....Lowsville, Monongalia County.
HOPKINS, CHARLES ELLIS.....Morgantown.
HUSSEY, JAMES VINCENT.....Weston, Lewis County.
KELLY, SAMUEL CHESTNUT.....Morgantown.
KELLY, GEORGE MACKLEN.....Morgantown.
KEENER, WAITMAN WILLEY.....Morgantown.
LAISHLEY, P. T. MELVIN.....Easton, Monongalia County.
LAZZELL, LUTHER JAMES.....Maidsville, Monongalia County.
LAZZELL, ISAAC GRANT.....Maidsville, Monongalia County.
LORENTZ, CHARLES FREDERICK.....Morgantown.
MARSILLIOTT, LEONARD EWING.....Pittsburgh, Pa.
MCGOWAN, JAMES EWING.....Independence, Preston County.
MCRA, THOMAS ISON.....Clinton Furnace, Monongalia Co.
MEEKS, FRANCIS KIRK.....Hartford City, Mason County.
MICHAEL, WALTER HOWARD.....Briceton Mills, Preston County.
MORRIS, HENRY PERRY.....Morgantown.

FIRST YEAR—Continued.

PIXTER, JOHN MILTON.....Easton, Monongalia County.
PRICE, ALLEN REED.....Uffington, Monongalia County
PRICE, WILLIAM .....Morgantown.
PROTZMAN, SPURGEON H.....Morgantown.
ROBISON, MELVIN EMERY.....Uffington, Monongalia County.
SAMSEL, JOHN GROVE.....Morgantown.
SCHOOLEY, EDWARD.....Braddock, Pa.
SISLER, LORENZO DOW .....Stewarttown, Monongalia County.
SMELL, ALBERT.....Easton, Monongalia County.
SUTER, ELI PAINTER.....Sutersville, Westmoreland Co., Pa.
TAPP, ROBERT.....Maidsville, Monongalia County.
TAYLOR, JAMES SUMMERFIELD.....Romney, Hampshire County.
VANDERVORT, JAMES HARE.....Morgantown.
WEAVER, LAISHLEY.....Easton, Monongalia County.
WEST, WILLIAM HOLLAND.....Uffington, Monongalia County.
WILEY, WILLIAM ANDERSON.....Wadestown, Monongalia County.
WILLARD, JOSEPH COOMBS.....Laurel Point, Monongalia County.
WOODFORD, CLEOPHAS.....Pleasant Creek, Barbour County.
YATES, EDMUND G.....Clarksburg, Harrison County.
ZEARLEY, ISAAC JUDSON.....Point Marion, Fayette County, Pa.

RECAPITULATION.

Seniors	6
Juniors	2
Sophomores	12
Freshmen	22
Second Preparatory Students	20
First Preparatory Students	56
	118

Military Department.

FACULTY.

REV. J. R. THOMPSON, A. M.

President.

JAS. M. INGALLS, Lieut. U. S. A.

Commandant.

STAFF.

Cadet DANIEL RICH, First Lieutenant and Adjutant.

Cadet BENJ. S. MORGAN, Second Lieut. and Ord. Officer.

COMMISSIONED OFFICERS.

Cadet JAS. M. LEE, Captain.

Cadet ENOCH J. MARSH, First Lieutenant.

Cadet ALSTON G. DAYTON, First Lieutenant.

Cadet DANIEL RICH, Second Lieutenant.

Cadet BENJ. S. MORGAN, Second Lieutenant.

Cadet ALPHEUS F. COURTNEY, Color Sergeant.

ROSTER OF STATE CADETS.

Cadet Chas. E. Hopkins, First Sergeant.
Cadet Bruce L. Keenan, Sergeant.
Cadet Chas. E. Grafton, Sergeant.

Cadet Arthur L. Cox, Corporal.
Cadet Wm. H. Seamon, Corporal.
Cadet Thos. E. Hodges, Corporal.
Cadet Wm. M. Hyland, Corporal.

No. Dist.	Name.	Remarks.	When Enlisted or Discharged.
I.	James M. Lee	Present for duty	Sept. 20, 1873.
	Charles E. Grafton.	Present for duty	Oct. 1, 1875.
	Wm. H. Seamon	Present for duty	March 30, 1877.
II.	Thomas M. Hood	Graduated	June 28, 1877.
	John L. Steele	Graduated	June 28, 1877.
	Jos. H. Hawthorne.	Graduated	June 28, 1877.
	Arthur L. Cox	Present for duty	Sept. 4, 1877.
	H. S. Basnett	Present for duty	Feb. 1, 1878.
	Jacob L. Glasscock.	Present for duty	Feb. 1, 1878.
III.	H. S. Freeman	Present for duty	Sept. 14, 1877.
	James Henry	Present for duty	Oct. 5, 1877.
	George C. Lewis	Present for duty	Oct. 5, 1877.
IV.	Sam'l B. Ankrom	Dropped from roll.	Sept. 14, 1877.
	Wm. M. Hyland	Present for duty	Sept. 14, 1877.
	E. Chancellor	Present for duty	Feb. 1, 1878.
	Vacancy		
V.	Harry J. Snively	Graduated	June 28, 1877.
	C. E. Carr.	Dropped from roll.	Sept. 14, 1877.
	Frank K. Meeks	Present for duty	Oct. 5, 1877.
	Vacancy		
	Vacancy		
VI.	Jno. C. Capehart	Dropped from roll.	April 19, 1878.
	Elias D. Jeffries	Absent on leave	Sept. 14, 1877.
	Lorenzo D. Sisler	Present for duty	Oct. 5, 1877.
	Vacancy		

ROSTER OF STATE CADETS.—Continued.

No. Dist.	Name.	Remarks.	When Enlisted or Discharged.
VII.	A. F. Courtney	Present for duty	Nov. 5, 1875.
	I. Davisson	Resigned	Sept. 12, 1877.
	Bruce L. Keenan	Present for duty	March 30, 1877.
	A. H. Woodford	Absent on leave	Sept. 14, 1877.
VIII.	Walter M. Johnson	Dropped from roll	Nov. 26, 1877.
	Jos. C. Williard	Present for duty	Feb. 1, 1878.
	Geo. C. Baker	Present for duty	March 8, 1878.
	G. M. Chidester	Present for duty	April 19, 1878.
IX.	A. G. Dayton	Present for duty	Sept. 14, 1873.
	C. E. Hopkins	Present for duty	March 30, 1877.
	G. M. Kelley	Present for duty	Sept. 14, 1877.
	Thos. E. Hodges	Present for duty	Sept. 14, 1877.
X.	Enoch J. Marsh	Present for duty	Oct. 18, 1873.
	Sam'l C. Kelley	Present for duty	Sept. 14, 1877.
	Chas. O. Henry	Present for duty	April 13, 1877.
	David H. Courtney	Present for duty	Sept. 14, 1877.
XI.	Daniel Rich	Present for duty	Nov. 5, 1875.
	T. C. Blackiston	Present for duty	Sept 14, 1877.
	Claud E. Robinson	Resigned	Dec. 7, 1877.
	Howard Silver	Dropped from roll	March 29, 1878.
	Vacancy		
XII.	Benj. S. Morgan	Present for duty	Oct. 1, 1875.
	C. F. Butcher	Dropped from roll	Sept 14, 1876.
	John N. Marsh	Present for duty	March 29, 1876.
	Vacancy		

*Distinguished Cadets—1876-7.

Name.	Classical.	Military.
A. G. Dayton	Classical.	Military.
Charles E. Grafton		Military.
Joseph H. Hawthorne	Classical.	Military.
Thomas M. Hood	Classical.	Military.
Walter M. Johnson		Military.
James M Lee	Classical.	Military.
E. J. Marsh	Classical.	
Benjamin S Morgan	Classical.	Military.
Daniel Rich	Classical.	Military.
Harry J. Snively		Military.
John L. Steele	Classical.	Military.

*In accordance with regulations established for the government of the corps the above Cadets are reported as distinguished in the departments opposite their names by reason of having attained a yearly average of 900 and upwards on a scale of 1,000.

Vocal Music.

D. B. PURINTON, A. M., INSTRUCTOR.

Some years ago, the Regents added Vocal Music to the Studies of the University. It is open, free of charge, to students of all departments alike. The course of Instruction embraces one year, as follows:

FALL TERM—Rudiments and Elementary Practice.

WINTER TERM—Rudiments continued. Glee and Chorus Singing.

SPRING TERM—Lectures on Harmony and Composition, Chorus Singing, Review, &c.

Students.

Anderson, W. F.
*Bailey, W. H.
*Blackiston, T. C.
*Boyers, L. M.
Courtney, A. F.
*Cox, Frank.
*Dayton, A. G.
Demain, E. R.
*Elliott, A. J.
Freeman, H. S.
Hoard, V. E.
Hodges, T. E.
Hopkins, C. E.
*Hough, W.
*Hussey, Jas. V.
Jeffries, E. D.
Jones, B. M.
Keenan, B. L.
Keener, W. W.
Laishley, P. T. M.
*Lee, J. M.
*Marsh, E. J.
*Marsh, J. N.
Morgan, B. S.
Morgan, G. W.
*Pearre, G. A.
Pixler, J. M.
*Price, A. R.
Rich, D.
Shafer, W. C.
Silver, H. C.
Sisler, L. D.
Suter, E P.
Vandervort, V.
Waters, A. A.
Weaver, L.
Wiley, J. W.
*Wiley, Wm. A.
Willard, J. C.

*For practice.

Telegraphy Class.

YEAR 1877-8.

L. DUNNE, Serg't Sig. Serv. U. S. A., Instructor.

Hall, J. J.....Telegraphy.
Hustead, A. F.....Telegraphy.
Shafer, W.....Telegraphy.
Marsilliot, L. E.....Telegraphy.
Weaver, L.....Telegraphy.
Morgan, B. S.....Meteorology.
Rich, D.....Telegraphy.
Baker, G.....Telegraphy.
Dickson, J.....Telegraphy.
Kelly, G. M.....Telegraphy.
Keener, W. W.....Telegraphy.
Samsel, J. G.....Telegraphy.
Woodford, C.....Telegraphy.
Meeks, F. K.....Telegraphy.
Freeman, H. F.....Telegraphy.
Brown, Z.....Telegraphy.
Hodges, T. E.....Telegraphy.
Brown, S.....Telegraphy.
Kelly, S. C.....Telegraphy.
Hough, W.....Meteorology.
Hayes, C. A.....Telegraphy.
Vandervort, V.....Telegraphy.
Laishley, M.....Telegraphy.
Pixler, J. M.....Telegraphy.
Cox, F.....Telegraphy.
Henry, C. O.....Meteorology.
Hopkins, C. E.....Signals.
Allen, G. R.....Signals.
Steele, W. A.....Signals.
McVickers, E. A.....Signals.

Courses of Study.

The instruction thus far provided for in the University is embraced in six departments, viz: The Classical, Scientific, Agricultural, Engineering, Military; and for those desiring to qualify themselves for regular admission to any of these, a Preparatory Department. No study has been dropped from any of these Departments, but the method of stating what is required in each, has been simplified in the present Catalogue.

I.

Classical Department.

The studies in this Department, required for the Degree of Bachelor of Arts, are as follows:

Freshman Year.

FIRST TERM.

Virgil—Bucolics and Georgics; Prose Composition. Gildersleeve's Grammar and Exercise Book.
Herodotus; Greek Prose Composition and Greek Grammar.
Universal History—Anderson.
University Algebra—Robinson.
Elocution.

SECOND TERM.

Horace—Odes and Epodes; Latin Prose Composition (continued).
Homer—Iliad; Greek Prose Composition (continued).
English Literature—Shaw.
Geometry (completed); Solid and Plane Trigonometry (commenced).
Elocution.

THIRD TERM.

Cicero—De Senectute and De Amicitia; Exercises in Latin Prose Composition.
Homer—Odyssey; Prose Composition.
Constitution of the United States and of West Virginia.

Plane Trigonometry (completed); Spherical Geometry and Trigonometry.
Elocution.

Sophomore Year.

FIRST TERM

Xenophon—Memorabilia; Exercises in Greek Composition.
Rhetoric—Haven.
Mensuration; Surveying; Navigation.
Chemistry, Inorganic—Eliot and Storer.
Elocution.

SECOND TERM.

Horace—Satires and Epistles; Exercises in Latin Composition.
English Philology.
Analytical Geometry—Olney.
Chemistry—Organic.
Elocution.

THIRD TERM.

Livy—Lincoln; Exercises in Latin Composition.
Plato—Crito and Apology; Exercises in Greek Composition.
Botany—Gray.
Differential Calculus—Olney.
Elocution.

Junior Year.

FIRST TERM.

Euripides' Alcestis; or French.
Mental Philosophy: The Intellect—Haven, and Lectures.
Physics, General Principles—Solids and Fluids.
Integral Calculus (Optional).
Physical Geography (Guyot).

SECOND TERM.

Tacitus—Germania and Agricola; Latin Composition; or French.
Mental Philosophy: The Sensibilities and the Will—Haven, and Lectures.
Physics—Pneumatics, Acoustics, Optics.
Zoology—Nicholson.

THIRD TERM.

Demosthenes on the Crown, with Written Exercises; or French.
Physics—Heat, Correlation of Forces, Electricity.
Logic—Coppee.
Human Anatomy and Physiology—Draper.

Senior Year.

FIRST TERM.

Cicero—De Officiis; with Written Exercises on Historical Subjects; or German.
Moral Philosophy—Wayland.
History of Civilization—Guizot.
Geology, Lithological, Dynamical and Historical—LeConte, with Geological Excursions.

SECOND TERM.

Sophocles—Œdipus Tyrannus; or German.
Elements of Criticism—Lord Kames.
Astronomy, XII chapters—Loomis.
International Law—Woolsey.

THIRD TERM.

Political Economy—Bowen.
Tacitus—Annals; or German.
Astronomy (completed).
Christian Evidences; Lectures by the President.

If, in this Department, the student selects the French or German instead of the Latin or Greek, he shall be required to study them respectively, during three successive terms, and such selection must be made at the beginning of the Junior or Senior Year. The text books for the Junior Year are the same as those of the Scientific Freshmen, and for the Senior Year, the same as Junior Scientific.

II.

SCIENTIFIC DEPARTMENT.

The studies in this Department required for the Degree of Bachelor of Science are the following:

Freshman Year.

FIRST TERM.

University Algebra—Robinson.
French—Languellier and Monsanto's French Course.
Universal History—Anderson.
Chemistry (Inorganic)—Eliot and Storer.
Elocution.

SECOND TERM.

Geometry (completed), Solid and Plane Trigonometry (commenced).
French—French Course (continued); French Reader.
English Literature—Shaw.
Chemistry (Organic).
Elocution.

THIRD TERM.

Plane Trigonometry (completed)—Spherical Geometry and Trigonometry.
French—French Course (completed); Telemaque (Surenne's).
Constitution of the United States, and of West Virginia.
Botany—Gray's School and Field Book.
Elocution.

Sophomore Year.

FIRST TERM.

Mensuration, Surveying and Navigation—Robinson.
French—Voltaire, Charles XII., French Grammar and Exercises.
Rhetoric—Haven.
Physics, General Principles—Solids and Fluids.
Elocution.

SECOND TERM.

Analytical Geometry—Olney.
French, Classic Plays—Joynes; Grammar and Exercises.
Chemical Analysis.
Physics—Undulations, Acoustics, Optics, Problems.
Elocution.

THIRD TERM.

Meteorology—Loomis.
Differential Calculus—Olney.
French (Optional)—Pylodet's Classic Literature.
Physics—Heat; Magnetic, Statical and Dynamical Electricity.
Chemical Analysis.
Elocution.

Junior Year.

FIRST TERM.

Integral Calculus—Olney.
German—Woodbury's Complete Course.
Mental Philosophy, The Intellect—Haven, and Lectures.
Physical Geography—Guyot.

SECOND TERM.

Analytical Mechanics—Peck.
German—Grammar (continued); German Reader.
Zoology—Nicholson.
Mental Philosophy—The Sensibilities and the Will—Haven, and Lectures.

THIRD TERM.

Analytical Mechanics (completed).
German—Grammar and Free Exercises; Schiller's Jungfrau or Maria Stuart.
Logic—Coppee.
Human Anatomy and Physiology—Draper.

Senior Year.

FIRST TERM.

Moral Philosophy—Wayland.
German—Gœthe's Iphigenia in Tauris, or Egmont; Grammar and Exercises.
History of Civilization—Guizot.
Geology—Lithological, Dynamical and Historical—LeConte, with Geological Excursions.

SECOND TERM.

International Law—Woolsey.
German—Fouque's Undine; Grammar and Exercises.
Elements of Criticism—Lord Kames.
Astronomy—Descriptive and Physical.

THIRD TERM.

Evidences of Christianity—Lectures by the President.
Political Economy—Bowen.
German (Optional)—Evans' German Literature; Grammar and Exercises.
Practical Astronomy—Calculation and Construction of Eclipses, verified by the Nautical Almanac.
Agricultural.

III.

Department of Engineering.

The studies in this Department for the first, second and third years are the same as in the Scientific Course. For the Senior year they are as follows:

FIRST TERM.

Civil Engineering—Mahan.
Moral Philosophy—Wayland.
Physical Geography (Guyot.)
Geology—Lithological, Historical and Dynamical—LeConte, with Geological Excursions.

SECOND TERM.

Military Engineering—Mahan.
Astronomy—Descriptive and Physical.
International Law—Woolsey.
Elements of Criticism—Kames.

THIRD TERM.

Gillespie on the Location, Construction and Improvement of Roads and Railroads.
Astronomy Practical.
Evidences of Christianity; Lectures by the President.

The studies of the Modern Languages are the same as in the Scientific Course.

In addition to the text books prescribed to the students of Modern Languages, they are required to read a prescribed course of Literature and write exercises, both by dictation and translation, in French and German.

IV.

Military Department.

FIRST YEAR.

First Term—Infantry Tactics: School of the Soldier.
Second Term—Infantry Tactics: School of the Company.
Third Term—Infantry Tactics: Bayonet Exercises.

SECOND YEAR.

First Term—Infantry Tactics: School of the Battalion.

SECOND TERM—Cavalry Tactics: Sabre Drill.
THIRD TERM—Target Practice: Artillery and Small Arms.

THIRD YEAR.

FIRST TERM—Infantry Tactics and Practice.
SECOND TERM—Artillery Tactics: Field Fortifications.
THIRD TERM—Target Practice: Heavy and Field Artillery.

FOURTH YEAR.

FIRST TERM—Infantry Tactics: School of the Brigade.
SECOND TERM—Ordnance and Gunnery.
THIRD TERM—Advance Guard and Outpost Duty.

Dress Parades, Reviews, Inspections and Guard Mountings are held as often as is deemed expedient throughout the entire course.

The other studies in this Department are those of the Classical or the Scientific Department, respectively.

V.

AGRICULTURAL DEPARTMENT.

The studies of this Department are, at present, embraced in a two years' course. Students having creditably completed this course, will be entitled to receive a certificate to that effect.

First Year.

FIRST TERM.

Inorganic Chemistry.
Physics—Solids and Fluids.
General History.
French or German (Optional).

SECOND TERM.

Organic Chemistry; Zoology.
English Literature.
French or German (Optional).

THIRD TERM.

Botany and Vegetable Physiology.
Heat, Magnetism and Electricity.
Plane Trigonometry.
Constitution of the United States, and of West Virginia.

Second Year.

FIRST TERM.

Analytical Chemistry, Geology, Meteorology.
Chain and Compass Surveying.

SECOND TERM.

Analysis of Soils: Entomology.
Astronomy.
French or German (Optional).

THIRD TERM.

Allen's Farm Book.
Gillespie, on Roads and Road Making.
Political Economy.
Evidences of Christianity; Lectures by the President.

The Subjects for Lectures during the Course, are the following:

First Year.

FIRST TERM.

The Chemistry, Structure and Physiology of Plants.
On the Water, Atmosphere and Soil, as Related to Vegetables.
On Tillage, Draining and Manuring.

SECOND TERM.

On Domestic Animals and their Digestion, Respiration, Assimilation and Excretion.
On the Composition, Preparation and Value of Different Kinds of Food.
On Milk, Butter, Cheese, Flesh and Wool, as Agricultural Products.

THIRD TERM.

On Horticultural and Kitchen Gardening.
On the Propagation, Training and Culture of Fruit Trees, the Vine, Small Fruits and Vegetables.

Second Year.

FIRST TERM.

On the Staple Grain, Forage, Root, and Fibre Crops of this and Adjoining States, and their Varieties, and the Best Soils Adapted for Them.
On the Preparation of Soil, Seeding, Cultivating, Harvesting and Preparing for Market.
On the Origin and Natural History of Domestic Animals.
On Entomology, and the insects Useful and Hurtful to Vegetation.

SECOND TERM.

On the Raising, Care, Characteristics and Adaption of Different Breeds of Domestic Animals.
On Cattle for Beef or Draft, and Sheep for Wool or Mutton.
On Horses, Swine and Poultry.
On Pasturing, Soiling and Stall Feeding.
On Tobacco, Hops and Forestry.

THIRD TERM.

On Rural Economy.
On the History of Agriculture, with sketches of the same in ancient and modern times; and in foreign lands.
On the Adaptation of Farming to Soil, Climate, Market and Other Natural and Economical Conditions.
On the Different Systems of Husbandry, such as Stock, Sheep, Grain and Mixed Farming.

SCHEDULE OF DAILY RECITATIONS.

FIRST TERM.

	Class.	First Hour.	Second Hour.	Third Hour.	Fourth Hour.	Fifth Hour.
Classical.	Senior	Geology.	Moral Science.	Civilization.	Latin or German.	
	Junior	French.	Physical Geography.	Mental Philosophy.	Physics.	
	Sophomore	Rhetoric.	Surveying.	Chemistry.	Greek.	Elocution.
	Freshman	Greek.	History	Latin.	Algebra.	Elocution.
Scientific.	Senior	Geology.	Moral Science.	Civilization.		German.
	Junior	**I. Calculus.*	Physical Geography.	Mental Philosophy.	German.	
	Sophomore	Rhetoric.	Surveying.	French.	Physics.	Elocution.
	Freshman	French.	History.	Chemistry.	Algebra.	Elocution.

SECOND TERM.

	Class.	First Hour.	Second Hour.	Third Hour.	Fourth Hour.	Fifth Hour.
Classical.	Senior	International Law.	Astronomy.	Greek or German.	Elements of Criticism.	
	Junior	French.	Mental Philosophy.	Physics.	Zoology	
	Sophomore	†*English Philology.*	Analytical Geometry.	Latin.	Chemistry.	Elocution.
	Freshman	Greek.	English Literature.	Geometry.	Latin.	Elocution.
Scientific.	Senior	International Law.	Astronomy		Elements of Criticism.	German.
	Junior	Analytical Mechanics.	Mental Philosophy.	German.	Zoology.	
	Sophomore	Chemical Analysis.	Analytical Geometry.	Physics.	‡*French.*	Elocution.
	Freshman	French.	English Literature.	Geometry.	Chemistry.	Elocution.

THIRD TERM.

	Class.	First Hour.	Second Hour.	Third Hour.	Fourth Hour.	Fifth Hour.
Classical.	Senior	Latin or German.	Ev. Christianity	Astronomy.	§*Political Economy.*	
	Junior	Physics.	French.	||*Logic.*	Anatomy.	
	Sophomore	Botany.	Latin.	D. Calculus.	Greek	Elocution.
	Freshman	Latin.	Constitution.	Greek.	Trigonometry.	Elocution.
Scientific.	Senior		Ev. Christianity.	Astronomy.	§*Political Economy.*	
	Junior	German.	Analytical Mechanics	||*Logic.*	Anatomy.	
	Sophomore	Physics.	Chemical Analysis.	D. Calculus	¶*Meteorology.*	Elocution.
	Freshman	Botany.	Constitution.	French.	Trigonometry.	Elocution.

*Added, or time extended. †Eng. Philology, changed from 3d term to 2d. ‡French, changed from 2d term to 3d. ||Logic, changed from 2d term, Soph. year, to 3d term, Junior. §Pol. Economy, changed from Junior year to Senior. ¶Meteorology, changed from 1st term, Junior year, to 3d term, Soph.

Preparatory Department.

First Year.

FIRST TERM.

Geography—Guyot's Common School; Map Drawing.
Arithmetic—Stoddard's Complete.
English Grammar—Etymology.
Latin (commenced).

SECOND TERM.

Geography—Guyot (continued); Map Drawing.
Arithmetic (continued).
English Grammar—Syntax.
Latin—Grammar and Reader.

THIRD TERM.

Arithmetic (completed).
English Grammar—Analysis of Sentences.
Latin—Grammar and Readers.
Greek—Bullion's First Lessons.

Second Year.

FIRST TERM.

Algebra—Robinson's Elementary, to Involution.
Book-keeping.
Cæsar (two books)—Latin Grammar.
Greek—Grammar and Reader.

SECOND TERM.

Algebra—Robinson's Elementary (completed).
History of the United States—Anderson's.
Cicero's Orations (three orations)—Bullion's Latin Grammar.
Greek—Grammar and Reader.

THIRD TERM.

Geometry—Robinson (first four books).
History of the United States (completed).
Virgil—Three Books of Æneid; Latin Grammar.
Xenophon's Anabasis (two books); Greek Grammar.

Regular lessons in Writing, Spelling, Elocution and English Composition from beginning.

The course preparatory to the Scientific, the Engineering and the Military Department is the same as the above with the substitution of Citizens' Manual, Physiology, Natural Philosophy and Stoddard's Mental Arithmetic, each one term, respectively, for the studies of Greek.

The studies preparatory to the Agricultural Department are as follows:

First Term—Algebra; Arithmetic; Grammar; Geography.

Second Term—Algebra: Arithmetic; Grammar; History U. S.

Third Term—Geometry; Arithmetic; Grammar; History U. S.

SCHEDULE OF DAILY RECITATIONS

PREPARATORY DEPARTMENT.

FIRST TERM.

YEAR.	FIRST HOUR.	SECOND HOUR.	THIRD HOUR.	FOURTH HOUR.	FIFTH HOUR.
Second Year	Algebra.	Greek Reader, or Physiology.	Cæsar.	Book-keeping.	
First Year	Geography.	English Grammar 1st. English Grammar 2d.	Latin Lessons. Latin Lessons.	Arithmetic.	Reading or Writing.

SECOND TERM.

Second Year	Algebra.	Cicero.	Greek Reader or Natural Philosophy.	History U. S.	
First Year	Geography.	Latin Reader. Latin Reader.	Arithmetic.	English Grammar.	Reading or Writing.

THIRD TERM.

Second Year	History U. S.	Anabasis or Stoddard's Mental Arithmetic.	Virgil.	Geometry.	
First Year	Arithmetic.	Greek Lessons, or Citizen's Manual.	Latin Reader. Latin Reader.	English Grammar.	Reading or Writing.

General Remarks.

FOUNDATION OF THE UNIVERSITY.

The West Virginia University owes its existence to the combined bounty of the United States Government, the Legislature of West Virginia, and the citizens of Morgantown. On the 2d of July, 1862, the United States Congress passed an act granting public lands to the several States and Territories which should provide Schools for the promotion of Agriculture and the Mechanic Arts. Under this act, thirty thousand acres for each of its Senators and Representatives in Congress were appropriated to this State. The proceeds of the sale of these Congressional lands amounted to $90,000.

The Constitution of West Virginia makes it the duty of the Legislature to "foster and encourage Moral, Intellectual, Scientific and Agricultural improvement; and to make provision for the organization of such institutions of learning as the best interests of general education may demand." The National gift was, therefore, accepted by the Legislature, and a Board appointed to organize the Institution, with instructions to "establish Departments of Education in Literature, Science, Art, Agriculture and Military Tactics—including a Preparatory Department."

The Legislature, realizing the value of such an Institution, its priceless worth to the State and Nation, its indispensable necessity to the new mountain Commonwealth, and in pursuance of its constitutional duty, has increased the endowment to about $110,000, with annual appropriations for current and contingent expenses. As no part of the Congressional grant can be applied to the erection of buildings (one-tenth only being allowed for the purchase of an experimental farm), the Legislature has also made provision for the supply and keeping in order of such buildings as the growth of the Institution may, from time to time, demand. Every interest of West Virginia requires that she furnish her sons the best possible educational advantages within her own borders. For the development of West Virginia resources, it is necessary that West Virginia brain should be educated on West Virginia soil.

The citizens of Morgantown, noted for their generosity and keen appreciation of educational advantages, contributed in grounds, buildings and money, about $50,000.

The University stands, therefore, in important relations to the Nation and State, and is bound to the sacred performance of all duties growing out of these relations.

NAME AND GOVERNMENT.

At the beginning, in common with some other National Colleges, it was simply called the "Agricultural College." Having been, however, fully adopted by the State, and the means originally supplied to aid in its establishment being further supplemented by the Legislature, an act was passed, pursuant to the recommendation of the Governor, ordering that it should thereafter be known by the style and designation of "WEST VIRGINIA UNIVERSITY." It is under the immediate oversight of a Board of twelve Regents, one from each Senatorial district, appointed by the Governor, and required to report biennially, through the Governor to the Legislature. The bitterness of partisan and sectarian disputes is excluded from its Halls, and every effort made to secure to each student the full advantage of a broad and manly culture.

SCOPE.

This is entirely in accord with the original design of the institution, as seen in the first paragraph of these "General Remarks." The act of Congress contemplated the founding of institutions that would furnish not only "*practical*" but also "*liberal* education"—education "in the several *pursuits*," and just as certainly "in the several *professions*," of life. It forbids the exclusion of "classical studies," and requires attention to Agricultural and Mechanical Education, Military Tactics, etc. The act of the Legislature contemplated a school of general instruction, and directed the Board to organize several distinct departments, as above enumerated, in the interest of the *people* of the State and of the Nation.

We trust that in the extent and in the quality of its work, and the thoroughness of its discipline and culture, as well as adaptation to the demands of the age, the UNIVERSITY will prove itself deserving of no second rate position among the institutions of our land. It designs, by its instruction in Literature and Art; in Language, ancient and modern; in Mathematics, pure and applied; in the Sciences, agricultural, physical, mental, moral and social; by its recitations, lectures, examinations and elevating influences, to educate, inform and discipline the student's mind; to strengthen his moral principles, and supply such general and generous, as well as special, culture as will best prepare him for success and usefulness in any pursuit or profession in life.

OPPORTUNITIES AFFORDED.

The work which the University is accomplishing can be readily un-

derstood from the Courses of Study prescribed in each of the Departments as already set forth.

We call special attention, however, to some features of the following Departments, viz:

THE AGRICULTURAL.

Young men who desire to study only such branches as will enable the Farmer to pursue his calling with intelligence and profit will here find, at small expense of time or means, all they need in the way of a sound, practical education. They are not required to study any language but their own, nor go in mathematics farther than land surveying. Those deficient in elementary studies must spend at least on year in Preparatory studies before entering this Department.

THE MILITARY.

The law provides that three Cadets may be appointed for each Senatorial District in the State. These are educated free of cost for tuition, books, stationery, &c. For such as desire a military and engineering education, this department is provided. Cadets, however, are not limited to this, but may pursue their studies in any department of the University, subject to the general regulations laid down in the Code for the Cadets. Other students are permitted to drill, on condition that they provide themselves with the neat and becoming uniform of the Corps. Drill occupies one hour on each of four days in the week. The United States Government liberally furnishes the special supplies required for this department. These are of the latest and most improved construction.

Applicants for admission to the Corps should address the Regent of the Senatorial District in which they reside, stating age, attainments, giving reference as to character, etc. Applicants must be between sixteen and twenty-one years of age. The members of the Cadet Corps are generally esteemed among the best scholars in the University.

THE PREPARATORY.

But comparatively few of our young men in West Virginia have home advantages for properly and fully preparing themselves to enter upon regular College studies. This Department has proved a fruitful source of supply for the higher classes, and also the means of maintaining an elevated grade of preliminary scholarship for admission to them. As the High Schools, Academies and Graded Schools of the State increase in number and efficiency, in the same proportion will the necessity of this Department diminish. Meanwhile, and until their increase and fuller development, it cannot be dispensed with without lowering the standard of Collegiate Study proper, or shutting out from the advantages of the Institution many of the best and most promising young men of the State. Nowhere else can young men be better prepared for advanced studies, or, if this is not contemplated, accomplish more thoroughly and advantageously such studies as are here provided.

Those who do not contemplate a full course, can also here be furnished with instruction in such preparatory studies as they may desire to pursue.

An Optional Course is allowed those students whose special tastes or necessities prevent them from graduating in any of the regular Departments. Parents and guardians of students who expect to attend the University are, however, earnestly advised to direct their studies with a view to entering one of the regular Departments. The attention of those who teach in our intermediate schools is also respectfully invited to this suggestion.

During the Spring Term of each year (beginning on the last Wednesday of March), unusual facilities are provided for all who may desire, either to take a short and limited course, or to fit themselves for the higher grades of teaching, clerking, or other *specialties*. All needed assistance in this work being rendered by the several Professors of the University, superior advantages are thus afforded to all comers.

NORMAL INSTRUCTION.

When desired, classes are formed in the Theory and Practice of Teaching, under the charge of an able and experienced instructor. Lectures are from time to time delivered before the class by the several members of the Faculty. The daily contact of the students in the class-room with their teachers, observing their methods and studying their plans, affords fine opportunities in this department of instruction. Nowhere in the State are afforded better facilities for practical Normal drill. A reference to the present occupations of our Alumni, in the former part of this Catalogue, will show the positions, as teachers, our graduates are enabled immediately to secure and retain.

REQUISITES FOR ADMISSION.

I. All candidates for admission to any Department of the University, must present satisfactory evidence of good moral character.

II. Students coming from other Colleges must produce certificates of honorable dismission from the same. No person shall be admitted into the Senior class after the beginning of the University year.

III. Those entering as Students for a Degree in any Department of the University, must sustain an examination in the various studies of the Preparatory School of the University, or their equivalent.

IV. Candidates for advanced standing must sustain an examination in the previous studies of the Department which they desire to enter.

V. The regular examination for admission of candidates, who have not pursued the preliminary studies in the Preparatory School of the University, will take place on Friday, succeeding Commencement, and on the first day of the First Term.

VI. Candidates should procure a copy of the printed laws of the University, also the Treasurer's receipt for tuition, before presenting themselves for enrollment.

VII. Applicants for admission to the Preparatory Department must stand an approved examination on spelling, reading, writing, modern geography, elements of English grammar, and arithmetic through common fractions.

VIII. Students are required to pronounce Greek and Latin according to the so-called Continental method.

EXAMINATIONS.

I. Each student, at the close of the Term, shall stand a public written examination upon all the studies which he has pursued during that Term. No student shall be excused for non-attendance on such examinations, except upon presentation of a reason which may be considered valid by the Faculty. No student who may be absent, and not thus excused, shall be allowed to continue in connection with the University. If at the close of any Term a student shall have failed to attain a standing of 6, on a scale of 10, owing to a failure in examination, he shall be informed of the fact, and he may be allowed to stand a special examination under the same Committee at any time before the beginning of the next College year.

II. The examination of each class shall be conducted by a committee composed of *three* members of the Faculty, who shall, within three days next preceding the examination, select a series of questions, not less than nine nor more than fifteen in number, and submit the same in writing to the class at the time of examination.

III. After examination the committee shall examine the papers and determine the standing made by each student in examination, which shall be considered the equivalent of one month's standing in recitation.

IV. Before a student shall be entitled to enter a higher class he shall, on a scale of 10, have attained a minimum standing of 6 in each study belonging to his class, which shall be determined by the average of his recitations and examinations.

V. Students who have not before been at the University should, on their arrival, report themselves to the President, and by him be assigned to such department and studies as they may desire and be prepared to enter. When a regular course of study is once adopted, the student is not allowed to vary from it, or change to another, without permission.

TUITION.

Tuition in the Preparatory Department.	$5 00	per term.
" in other departments - - - -	8 00	"
Contingent Fee in Preparatory Dep't -	2 00	"
" " in other departments -	2 00	"

BOARDING AND EXPENSES.

The University has no Dormitories. This is a matter both of necessity and policy; of necessity, because the State has not been able to furnish money to build dormitories; of policy, because it is thought

better for the students to be distributed among the people of the University town, amenable to the common laws and sentiments of society. The public bounty stops at furnishing free instruction, leaving to private hands the providing of maintenance.

Three methods of boarding are practiced: (1) Self boarding, by individuals, or, more commonly, by small groups or colonies composed of members of the same family, or of neighboring families. Rooms are hired, and furniture, provision and fuel brought from home. When well managed, this is an excellent and very economical mode of living. From $1.00 to $1.50 a week per pupil may be set down as the cost. (2) Club boarding. This has been practiced for some time and is an excellent system. A company of young men rent a number of rooms or an entire house and then organize and operate a boarding club. The price of boarding in clubs varies from $1.50 to $2.50 per week, including rent of room. (3) Boarding in families. The difficulties formerly encountered in procuring suitable places for students desiring to board in families, have disappeared. Good boarding can be found at reasonable prices ranging from $3.00 to $4.00.

Incidental expenses depend on the habits of the student. The law prohibits students incurring debts at stores, groceries, &c., except on written order of parents, guardian or teacher. Unnecessary and lavish expenditures induce not only waste of time and means, but neglect of study and formation of bad habits.

The *necessary* expenses for the college year of forty-one weeks are less here than in any other place know to us, where the same quality of instructions and other equal advantage are furnished. *A young man of moderately economical habits need not spend more than* $175.00 *per year including board, room-rent, tuition, etc., and have every advantage afforded by the University.*

PRIZES.

The Regent's Prize.—To the student who shall write the best essay upon a given subject, $25. To the student who shall be adjudged the best declaimer, $15. These prizes to be awarded after public competition, by a committee of citizens appointed by the Faculty.

These were awarded at the last contest as follows, viz:

Essay—E. J. Marsh.....$25 00

The prize for Declamation $15.00, was divided, two-thirds being given to C. T. Butcher and one-third to A. H. Woodford.

DICIPLINE.

The rules of the University require that every student shall be in his place at all stated exercises from the opening to the close of his connection with the University. A record is kept in which are entered the grade of Scholarship of each student, his absence from the exercises of the institution, his tardiness, or failure in recitation, unless satisfactorily accounted for. An abstract of this record, is sent at the close of

each term, to parents or guardians, so that they may see what and how their sons and wards are studying, and how they stand in scholarship and deportment. In case of negligence, irregularity, or other misconduct, the student will be privately admonished and the parent or guardian will be informed of the fact. Mere inattention to study will if persisted in, insure dismissal from the University. No student is allowed to leave the precints of the University during term time without special permission.

The attention of parents and guardians is especially called to the fact that all exercises begin promptly on the day stated in the calendar, and that it is essential to the best interest of the student and of his classmates that he be punctual in his place from the first day of the term till the last. No excuse will be accepted for absence unless such absence is unavoidable. It must be distinctly understood that students are allowed to enter only on condition that they comply with the rules of the University, and apply themselves punctually and without interruption to their prescribed studies. College duties once assumed require a student's full time, and no extra work taken up by himself or imposed by others, and no absence for the mere pleasure of the student or his friends can be allowed to interfere with those duties.

The government of the students proceeds upon an entirely Christian basis. Kindness, gentleness and trustfulness are relied upon, rather than sternness, impatience and suspicion. In such an atmosphere, all noble and manly qualities ripen, and students learn to demean themselves as Christian gentlemen. Students are encouraged and incited to form habits of economy, industry, self-reliance, truthfulness and purity and thus to become a law unto themselves.

RELIGIOUS INSTRUCTIONS AND WORSHIP.

The exercises of each day are opened with reading the Scriptures, singing and prayer, at which all the students are required to be present. They are also required, unless for sufficient reason excused, to attend regularly some place of religious worship on the Sabbath, and on all occasions to treat the institutions of religion with respect. The institution is entirely free from sectarian control or domination.

In the internal management and practical working of the institution, there is not now, and never has been, the slightest denominational friction.

LIBRARY.

A respectable beginning towards a University Library has been made. About five thousand volumes have been carefully selected and placed on its shelves, including, not only many choice and valuable books of reference, but also standard works in the various departments of History, Biography, Theology, Agriculture, Arts, Science and General Literature. During the past year, about one hundred and fifty volumes have been

added by purchase to the Library, including a number of very valuable works on Literature and Science.

We respectfully request the friends of Education to make contributions to its shelves. In addition to those hitherto granted, the following donations have been received during the year:

Vols.	Title.	Donor.
1	Friends in 17th Century	
4	Report of U. S. Commissioners at Vienna	Senator Hereford.
1	Geological Survey of Colorado	" "
2	Transportation Routes to the Seaboard	" "
1	Mineral Resources West of the Rocky Mountains	" "
1	Messages and Documents	" "
1	War Department, part 1, 2, 3, of 1874-5	" "
2	" " 1875-6	" "
1	Department of Agriculture of 1875	" "
1	Congressional Record, Vol. V...	Hon. C. J. Faulkner.
1	West Virginia Reports	Secretary of State of West Virginia.
54	Senate and House Documents	Hon. H. G. Davis.
1	Proceedings of American Philosophical Society	
1	Catalogue of Mt. St. Mary's Library	The Author.
1	Statutes of U. S.	Hon. H. G. Davis.
1	Finance Report	" "
1	Trial of W. W. Belknap	" "
2	Annual Reports of Bureau of Statistics	" "
1	Department of Agriculture	" "
1	Report of Silver Commission	" "
1	Public Libraries	Hon. F. Hereford.
2	Congressional Record..	Hon. H. G. Davis.
1	History of Kanawha	G. W. Atkinson, author.
1	Report of Commissioner on Patents	
1	Chinese Emigration	
1	Report of Silver Commission	Hon. B. F. Martin.
1	Messages and Document War Department Vol 4, 1876-7	" "
1	Geographical Survey Vol. 4, Paleontology	" "
1	The Sons of Godwin	Wm. Leighton, the author.
1	The Court of King Edwin	" " "
Total 90		

Nearly all the Weekly journals of the State, the Tri-weekly Wheeling *Register*, the Daily Wheeling *Evening Standard*, the Wheeling *Intelligencer*, and valuable religious papers of all the leading religious denominations, are gratuitously sent to the reading room of the University.

MUSEUM, APPARATUS, &c.

The University is in possession of apparatus requisite for thorough illustration of Chemistry and Physics.

Several valuable articles of apparatus have been obtained for the department of Astronomy and Physics, including a Smithsonian Barometer, by Greene, of New York; a Sextant, by Crichton, of London; and a Clock with Zinc Compensation, by E. Howard & Co., of Boston. A seven-foot Telescope has been constructed by John Byrne, of New York. It is equatorially mounted with right ascension and declination circles and is a first-class instrument in every respect.

The department of History has been furnished with a large map of

the United States, and a fine set of Bretschneider and Spruner's Historical Wall Maps, ten in number, from the German publishing house of Justus Perthes, of Gotha. Three of White's new Maps of West Virginia, have also been provided for use in different departments of the University.

The Museum contains extensive Mineralogical, Geological and Conchological cabinets, together with many specimens in other departments of Natural History. We request all who are interested in such matters to send suitable specimens for the museum, especially Indian relics, shells, minerals, fossils and alcoholic specimens of animals. Such donations will be acknowledged and carefully labeled with the name of the donor. There are already over 2,000 specimens of minerals and fossils, and more than 2,300 of recent shells.

The vicinity of the University offers unrivalled advantages for the study of practical Geology. Especial attention will be paid to this branch.

The labratory of Practical Chemistry is in operation. The instruction for the present is devoted chiefly to analysis, with its application to agriculture.

The following donations have been made to the Musuem during the present scholastic year:

1. A large collection of fossil plants, collected from the Upper Coal Formation of West Virginia. Presented by Profs. White and Fontaine.
2. A specimen of Indian Rice, from Michigan.
3. A model in Coquina Stone of the Old Gateway, at St. Augustine, Florida. Presented by Jacob Hornbrook, of Wheeling.
4. Maple Sugar, put up in a brich bark basket by the Indians of Michigan. Presented by Mrs. Jacob Hornbrook.
5. Specimens of fossil plants. Presented by A. I. Kinkaid, of White Day, Monongalia county, W. Va.
6. Fox Squirrel, by Hon. R. L. Berkshire.
7. Egg Case of Mollusk, by Mr. J. M. Lee, of the Senior class.
8. Lophophyllum, by Mr. G. D. Purinton, of the Junior class.
9. Indian Quoit, by Mr. Amos Balyard, Preston county, W. Va.
10. A copy of the New Testament in Chinese, by Vice President Lyon.

UNITED STATES SIGNAL STATION.

By direction of General Myer, Chief Signal Officer of the Army, a signal station has been established at the University for the benefit of Commerce, Agriculture and Science. It is, at present, in charge of Sergeant L. Dunne, S. S., U. S. Army. Students are by this means furnished with special advantages for the study of Meteorology and related subjects. The frequent and carefully recorded observations taken by means of the most improved instruments will furnish accurate and reliable data for hereafter estimating climatic changes in West Virginia. By this means also, the newspapers, boards of trade, and river men generally, at Pitts-

burgh, Wheeling and Cincinnati, if they so desire, can be reliably advised of special movements in the river at the head of navigation. An abstract of the observations at this station for the year 1877, is printed at the end of the Catalogue. Sergeant Dunne also teaches Telegraphy and Signaling, gratuitously.

LITERARY SOCIETIES.

There are two of these in connection with the University, supplied with suitable halls, tastefully furnished, whose exercises in Composition, Reading, Orations, Debate and Criticism are, in many respects, of great advantage to the student. They also afford facilities for the study of, and acquaintance with, Parliamentary forms, and the acquisition of business habits. The authorities of the University will afford every facility for increasing the accommodation and usefulness of these valuable auxiliaries.

LOCATION.

Morgantown, the seat of the University, is beautifully located on the right bank of the Monongahela river, Monongalia county, West Virginia. The scenery around is exceedingly attractive and picturesque. The place has long been famous for its social, intellectual and moral culture, and general healthfulness. Coaches leave every morning to and from Fairmont, on the Baltimore and Ohio Railroad. There is also a daily conveyance between Morgantown and Uniontown, Pa. Steamboats from Pittsburgh arrive every day at Geneva, twelve miles below Morgantown, and Congress has made liberal appropriations for the continuance of slackwater navigation in the Monongahela as far as Morgantown. A place more eligible for the quiet and successful pursuit of Science and Literature is nowhere to be found.

GROUNDS AND BUILDINGS.

The buildings are eligibly situated, and are admirably adapted to the purposes of the University. They are immediately outside, and within a few minutes' walk of Morgantown. The campus is ample, and is a fine natural park. The grounds command a wide and noble prospect; the town, the river, the bridge, the mountains, all feast the eye and soul. The buildings are models of architectural beauty and convenience, and are *healthfully* constructed. In addition to Preparatory Hall, the Armory has been furnished, and is now occupied. The splendid University Building has also been finished and partly furnitured. The Commencement exercises of 1877 were held in its spacious and elegant Hall. Year by year, all the appointments of the University grow more desirable and attractive. It is surely winning its way to the lasting affection and deserved support of the people of West Virginia.

SIGNAL SERVICE, U. S. ARMY.

DIVISION OF TELEGRAMS AND REPORTS FOR THE BENEFIT OF COMMERCE AND AGRICULTURE.

ANNUAL MEANS, 1877.

DATE.	BAROMETER.							THERMOMETER.							WIND.						Am't of rain and melted snow.		No. of auroras.	Relative humidity.
	Mean.	MEAN OF—			RANGE.			Mead.	MEAN OF—			RANGE.			Prevailing direction.	NUMBER MILES.				Total.	Amt. in inches.	No. of days on which rain or snow fell.		
		A. M. observation.	P. M. observation.	Night observation.	Highest.	Lowest.	Difference.		A. M. observation.	P. M. observation.	Night observation.	Maximum.	Minimum.	Difference.		Noon to 6 P. M.	6 P. M. to midnight.	Midnight to 6 A. M.	6 A. M. to noon.	Maxi'm velocity during month.					
1877.																									
Jaunary	30.151	30.187	30.113	30.148	30.523	29.463	1.060	30.31	25.77	34.29	29.89	58	1	57	S. W.	1466	922	991	1157	36	4536	4.26	18	0 72
February	30.124	30.152	30.079	30.141	30.726	29.565	1.161	37.51	33.50	43.32	34 93	63	15	48	S. W.	1644	915	657	1006	36	4222	1.09	8	0 63
March	29.991	30.038	29 935	29.994	30.559	29.157	1.402	37.38	33.03	42 45	36.60	66	1	65	S. W.	2245	1721	1432	1745	48	7143	3.98	17	0 66
April	29.940	29.973	29.875	29.951	30.418	29.327	1.091	51.56	47.60	58.70	49.10	78	26	52	N.	2244	1127	733	1484	48	5588	2.51	14	1 57
May	30.000	30.039	29.950	30.006	30.324	29.550	0.774	59.22	56.19	66.19	56.26	90	31	59	N. W.	1673	790	580	1071	37	4114	2.25	15	2 61
June	29.939	29.976	29.895	29.946	30 174	29.499	0.675	72.17	69.04	78 30	68.40	89	46	43	S W.	1474	594	389	1028	27	3485	6.70	16	0 67
July	29.940	29.971	29 888	29.950	30.208	29 609	0 599	75.39	75.35	82.06	71 35	90	54	36	S. W.	1499	567	403	906	36	3375	5.80	18	0 68
August	29.940	29.977	29.886	29.948	30.253	29.674	0.579	72.32	71 65	79 81	68.94	88	55	33	S. W.	1261	487	233	648	39	2629	4.63	13	0 68
September	30.025	30.062	29.972	30.035	30.281	29.787	0.494	65 27	60.90	72.97	63.03	83	45	38	S. W.	1049	899	240	725	28	2174	2.54	12	0 72
October	30.023	30.067	29.973	30.027	30.409	29.532	0.877	57.56	52 74	64 81	55 26	81	38	43	S. W.	1343	918	440	891	25	3103	3.30	12	0 67
November	30.148	30 108	30 038	30.081	30.481	29.303	1.178	44 80	41.53	48.60	42.90	64	13	51	S. W.	1888	1164	1174	1343	36	5779	4 32	18	0 64
December	30.147	30.186	30.109	30.153	30.523	29 481	1.042	43.87	39.66	48.35	42 68	63	16	47	S. W.	1817	1189	1017	1296	36	5289	1.62	10	0 67
An'l M'ns	30.027	30.061	29.976	30.032	30.407	29.496	0.911	53.9	50.58	59.99	51 61	76	08	28.42	47.66	S. W.	19594	10994	8279	13103	39	51429	49.45	171	5 48

SIGNAL SERVICE, U. S. ARMY—*Continued.*

GENERAL REMARKS.

January	Solar halos, 1; lunar halos, 1; floating ice, 13th; river open, 14th; coldest day, 4th; mean thermometer, 12.75.
February	Lunar halos, 2.
March	Lunar halos, 1; wild ducks, 13th.
April	Lunar halos, 1; martins, 4th; woodpeckers, 8th; aurora, 14th; first lightning, 16th; first thunder storm, 19th; remarkable hail, 28th.
May	Thunder storms, 2; last snow, 1st; last frost, 13th; aurora, 2d, 28th; potato bugs, 13th; roses, 28th; fireflies, 28th.
June	Thunder storms, 5.
July	Thunder storms, 13; hottest day, 26th; mean thermometer, 82°.
August	Thunder storms, 9; lunar halos, 2; meteor, 9th.
September	Thunder storms, 4; lunar halos, 5.
October	Thunder storms, 1; lunar halos, 2; wild geese and ducks, 20th and 21st; first frost, 6th.
November	First ice, 4th; first snow, 28th; lunar halos, 2; solar halos, 1.
December	Meteor, 18th.

Prepared by authority of the Chief Signal Officer of the Army, by

L. DUNNE,

Station—MORGANTOWN, W. VA.
West Virginia University.

Sergt. Sig. Serv., U. S. Army.

CATALOGUE

—OF—

West Virginia University,

MORGANTOWN,

For the Year 1878-9.

WHEELING:
W. J. JOHNSTON, PUBLIC PRINTER.
1879.

Calendar.

According to an order of the Regents, June 27th, 1878, the University year includes forty-one weeks, and is divided as before, into three terms.

The First Term begins on the first Wednesday of September, and continues thirteen weeks.

The Second Term begins on the fourth Wednesday of November, and the Third, on the second Wednesday of March.

The Annual Commencement is on the second Thursday of June.

Prompt attendance at the beginning of each term is very important to the student.

1879.

June 5th.—Thursday, 9 A. M.—Annual Examination begins.

8th.—Sunday, 3 P. M.—Baccalaureate Sermon, by the President.

9th.—Monday, 7:30 P. M.—Regents' Prize Contest.

10th.—Tuesday, 7:30 P. M.—Annual Meeting of West Virginia Historical Society.

11th.—Wednesday, 7:30 P. M.—Address to the Literary Societies.

12th.—Thursday, 9 A. M.—Commencement Day.—7:30 P. M.—Public Contest of the Literary Societies.

September 3d.—Wednesday, 9 A. M.—Examination of Candidates for admission.

4th.—Thursday, 9 A. M.—Regular work of 1879-80 begins.

November 25th.—Tuesday.—First Term ends.

November 26th.—Wednesday, 9 A. M.—Second Term begins.

1880.

March 9th.—Tuesday—Second Term ends.

March 10th.—Wednesday—Third Term begins.

April 23d.—Friday—Junior Exhibition.

June 10th.—Thursday—Third Term ends.

COMMENCEMENT.

Board of Regents.

—o—

No. of Dist.	Name of Regent.	P. O. Address.
1	B. W. Allen,	Wheeling.
2	James Morrow, Jr.,	Fairmont.
3	M. S. Hall,	Harrisville.
4	D. D. Johnson,	Long Reach.
5	James Stewart,	Raymond City.
6	H. S. Walker,	Charleston.
7	H. C. Simms,	Huntington.
8	A. F. Mathews,	Lewisburg.
9	T. J. Farnsworth,	Buckhannon.
10	H. W. Brock,	Morgantown.
11	John A. Robinson,	Patterson's Creek.
12	D. B. Lucas,	Charlestown.

Officers of the Board.

D. D. JOHNSON, President.
A. W. LORENTZ, Treasurer.
JOS. MORELAND, Secretary.

Executive Committee.

HUGH W. BROCK, Chairman.
JOHN J. BROWN.
MARSHALL M. DENT.
DAVID H. CHADWICK.
ASHBEL FAIRCHILD.
JOS. A. McLANE.
GEORGE C. STURGISS.
JAS. C. WALLACE.

Secretary.

GEORGE C. STURGISS.

Superintendent of Grounds and Buildings.

E. SHISLER.

Faculty and Teachers.

REV. J. R. THOMPSON, A. M., PRESIDENT.

Prof. of Mental and Moral Science and Evidences of Christianity.

F. S. LYON, A. M., VICE-PRESIDENT.

Prof. of History, Political Economy and Belles Lettres.

WM. M. FONTAINE, M. A.,

Prof. of Agriculture, Chemistry, and Physics.

ROBT. C. BERKELEY, M. A.,

Prof. of Ancient Languages and Literature, and Secretary of Faculty.

JOHN I. HARVEY, A. M.,

Prof. of Modern Languages and Literature, and Librarian.

I. C. WHITE, A. M.,

Prof. of Astronomy and Natural History.

A. W. LORENTZ, A. M.,

Principal of the Preparatory Department.

D. B. PURINTON, A. M.,

Prof. of Logic.

H. W. BROCK, M. D.,

Prof. of Anatomy, Physiology and Hygiene.

FACULTY—Continued.

MAJ. THOS. F. SNYDER,

Prof. of Military Science and Mathematics.

ST. GEORGE T. BROOKE,

Prof. of Law and Equity.

JAMES S. STEWART, B. S.,

Assistant in Preparatory Department.

JOHN J. McLEAN, S. C. U. S. A.,

Meteorological Observer and Instructor in Signaling and Telegraphy.

LECTURES.

CHAS. DAVIES, Esq.,

"Richard Brinsley Sheridan—The Wit, the Orator, and the Dramatist."

Hon. FRANK HEREFORD.

"The American Farmer—The Hope of the Country."

Rt. Rev. GEO. W. PETERKIN, D. D.,

"What Constitutes Manliness."

Rev. J. W. CARTER.

"Darwinism."

Rev. W. B. WATKINS, D. D., *(Two Lectures.)*

"The Use, Abuse and Beauty of English Words."

"A Glance at English Literature."

WM. DANCER, *Janitor.*

Alumni.

1870.

Dent, Marmaduke H., A. M.

1871.

Dille, Oliver H., M. S.
Jolliffe, Wm. E., A. M.

1872.

Drabell, John H., A. M.
McLane, Allen E., A. M.
Smith, Benj. W., A. M.
White, I. C., A. M.

1873.

Babb, Chas. M., A. M.
Border, Daniel W., A. M.
Boughner, Wm. L., M. S.
Brown, James F., A. M.
Bullock, Edmund T., A. M.
Harris, John T., M. S.
Linch, George P., M. S.
McClure, Taylor B., M. S.
Price, Thomas H., M. S. M. D.
Pritchard, Wm. T., M. S.
Purinton, Daniel B., A. M.
Temple, Marcellus L., A. M.
Waters, James T., A. M.

1874.

Chadwick, Richard V., A. M.
Dean, John S. W., A. M.
Howell, Wm. M., A. M.
Jacobs, Thos. P., A. M.
Lynch, Chas. W., A. M.
Moran, Ellsworth E., A. M.
Woods, Frank, A. M.

1875.

Adams, Samuel Shugert, A. M.
Dolliver, R. H., A. M.
Dolliver, J. P., A. M.
Golden, Franklin A., B. S.
Martin, James V., A. M.
Peterson, J. J., A. M.
Purinton, A. L., A. M.

1876.

Anderson, John C., B. S.
Frasher, Luke H., A. B.
Hubbard, Harry Dana, B. S.
Ison, Willey Owens, A. B.
Kemp, Howard Mason, B. S.
Laidley, George Summers, B. S.
Nash, James Henry, B. S.
Ramage, Thomas C., B. S.
Wetzel, Daniel Elliot, A. B.

1877.

Brown, William Gay, A. B.
Dille, Clarence B., A. B.
Hawthorne, Joseph H., A. B.
Hood, Thomas M., A. B.
Rogers, Daniel R., A. B.
Smith, Everett C., B. S.
Snively, Harry J., A. B.
Steele, John L., A. B.
Stewart, James T., B. S.

1878.

Courtney, Alpheus F., B. S.
Dayton, Alston Gordon, A. B.
Lee, James McMillen, A. B.
Morgan, Benjamin S., A. B.
Marsh, Enoch Jasper, A. B.
Rich, Daniel, A. B.

Undergraduates.

Seniors.

PURINTON, GEORGE DANA.....Class..Morgantown.
ROGERS, WILLIAM A.....Class..Decatur, Ill.
WADE, SPENCER S.....Sci....Morgantown.

Juniors.

*DAVISSON, ITHAMAR.....Sci....Webster, Taylor Co.
GRAFTON, CHARLES EDWIN.....Sci.....New Cumberland, Hancock Co.
*HAYMOND, FRANK THOMPSON...Sci.....Morgantown.
KEENAN. B. L.....Sci.....Maidsville, Monongalia Co.
MARSH, JOHN NELSON.....Class..Morgantown.
PEARRE, GEO. A. JR.....Class..Cumberland, Md.
*WATERS, A. A.....Class..Laurel Point, Monongalia Co.

Sophomores.

*CHANCELLOR, E. P. JR.....Class..Parkersburg.
GLASCOCK, J. L.....Class..Grafton, Taylor Co.
HODGES, THOS. E.....Class..French Creek, Upshur Co.
HYLAND, WM. M.....Class..Silver Hill, Prince George's Co., Md.
*LOWTHER, SYLVESTER.....Class..Morgantown.
*SEAMON, WM. HENRY.....Sci.....Wheeling.

Freshmen.

*ALLEN, GEORGE ROBERTS.....Sci.....Grafton, Taylor Co.
ANDERSON, WILLIAM FRANKLIN..Class..Easton, Monongalia Co.
*BLACKISTON, THOMAS COPPER...Sci.....Piedmont, Mineral Co.
*BLACKFORD, GODWIN L.....Class..Parkersburg.
BROWN, ZALMON KENT.....Class..Morgantown.
CHAPMAN, JOHN WARNER.....Class..Warsaw, Ia.

Class—Classical Course. Sci.—Scientific Course. *Conditioned.

FRESHMEN—Continued.

COURTNEY, DAVID HALL.....Class..Randall, Monongalia Co.
*COX, FRANK.....Class..Morgantown.
FREEMAN, HARRY SMITH.....Class..Clarksburg, Harrison Co.
HAYMOND, GEORGE HIRAM.....Class..Morgantown.
*JEFFRIES, ELIAS DICK.....Class..Arbuckle, Mason Co.
*JENKINS, OSCAR.....Sci.....Parkersburg.
JONES, BARTON MORRIS.....Class..Laurel Point, Monongalia Co.
*LAWHEAD, JAMES HENRY.....Sci.....Morgantown.
LEWIS, GEORGE C.....Class..Clarksburg, Harrison Co.
OGDEN, HOWARD N.....Class..Fairmont.
*PEARRE, JAMES GRAHAM.....Class..Cumberland, Md.
*SMITH, ASHBY JACKSON.....Class..Parkersburg.
*SOMMERS, CAMDEN.....Sci.....Clarksburg, Harrison Co.
*WOODFORD, ALONZO HARVEY....Class..Pleasant Creek, Barbour Co.

Optional Students.

BOYD, THOS. ROGERS.....Galva, Ill.
COX, ARTHUR L.....Fairmont.
HALL, JESSE JASPER.....Morgantown.
HENRY, CHAS. O. O'D.....Newburg, Preston Co.
HOUGH, WALTER.....Morgantown.
HUSTEAD, ASHBEL FAIRCHILD.....Morgantown.
MACBETH, J. E.....Morgantown.
MCVICKER, E. A.....Morgantown.

Professional Students.

LAW DEPARTMENT.

Thompson, William R.....Hinton, Summers county.

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MEDICAL DEPARTMENT.

Basnett, H. S .....Basnettville, Marion county.
Brown, R. L. P.....Morgantown.
Courtney, A. F.....Randall, Monongalia county.
Fitch, Dorsey Plummer..... Morgantown.
Gatewood, D. C .....Gladesville, Preston county.
Glenn, C. F.....Morgantown.
Grafton, C. E.....New Cumberland, Hancock county.
Haymond, F. F.....Morgantown.
Hustead, A. F.....Morgantown.
Keenan, B. L.....Maidsville, Monongalia county.
Lorentz, C. F.....Morgantown.
Marsh, J. N.....Morgantown.
Meeks, F. K. S .....Hartford City, Mason county.
Ogden, H. N.....Fairmont, Marion county.
Pearre, Geo. A .....Cumberland, Md.
Rogers, D. R.....Morgantown.
Tanzey, A. E.....Uffington, Monongalia county.
Waters, A. A. .....Laurel Point Monongalia county.

Preparatory Department.

FACULTY.

REV. J. R. THOMPSON, A. M.,

President.

A. W. LORENTZ, A. M.,

Principal.

MAJOR THOS. F. SNYDER,

Commandant of Cadets.

D. B. PURINTON, A. M., SECRETARY,

Instructor in Vocal Music and Assistant.

JAMES S. STEWART, B. S.,

Assistant.

PREPARATORY STUDENTS.

Senior Year.

Anderson, Elisha Hoffman.....Easton, Monongalia Co.
Bailey, William Henry.....Pleasant Valley, Monongalia Co.
Baker, George Coleman.....Morgantown.
Basnett, Hillard Samuel.....Basnettsville, Marion Co.
Boyers, Luther M. .....Randall, Monongalia Co.
Brand, Edward Parish.....Laurel Point, Monongalia Co.
Camden, Richard Pindle.....Weston, Lewis Co.
Chidester, Granville Montcalm.....Baltimore, Lewis Co.
Devine, Joseph McMurry.....Wheeling.
Dickson, John Robert.....Morgantown.
Gambrill, George Kincheloe.....Parkersburg, Wood Co.
Glenn, Charles Fletcher.....Morgantown.
Henry, James .....Sycamore Dale, Harrison Co.
Hood, Smith.....Lowsville, Monongalia Co.
Hopkins, Charles Ellis.....Morgantown.
Houston, Waitman Willey.....Morgantown.
Johnston, John L .....Pentress, Monongalia Co.
Kelly, Samuel Chestnut.....Morgantown.
Kelly, George Macklen.....Morgantown.
Lazzell, Luther James.....Maidsville, Monongalia Co.
Lazzell, Isaac Grant.....Maidsville, Monongalia Co.
Lorentz, Charles Frederick .....Morgantown.
Lowther, Lloyd Alonzo.....Sistersville, Tyler Co.
McCarty, Norval Bushrod.....Lumberport, Harrison Co.
Meeks, Francis Kirk.....Hartford City, Mason Co.
Morris, Henry Perry.....Morgantown.
Morris, George Washington.....Morgantown.
Musgrave, John Edgar .....West Columbia, Mason Co.
Nefflen, Paul Herman.....Piedmont, Mineral Co.
Patton, John.....Romine's Mills Harrison Co.
Price, Allen Reed.....Uffington, Monongalia Co.
Purnell, Frank Morgan.....Bellaire, Ohio.
Sisler, Lorenzo Dow.....Stewarttown, Monongalia Co.

SENIOR YEAR—Continued

Samsel, John Grove.....Morgantown.
Stewart, James Henry.....Elsmore, Putnam Co.
Suter, Eli Painter.....Sutersville, Westmoreland Co., Pa.
Tapp, William Whitfield.....Maidsville, Monongalia Co.
Wever, Charles Allen.....Martinsburg, Berkeley Co.
Wiley, William Anderson.....Wadestown, Monongalia Co.
Williard, Joseph Combs.....Laurel Point, Monongalia Co.

Junior Year.

Armstrong, Robert.....Frazier's Bottom, Putnam Co.
Arnett, Calvin W.....Laurel Point, Monongalia Co.
Bainbridge, Samuel Alpheus.....Irontown, Taylor Co.
Bowyer, George Cantrell.....Winfield, Putnam Co.
Brand, George Emmett.....Easton, Monongalia Co.
Cargill, Samuel Glover.....Winfield, Putnam Co.
Chapman, William Gray.....Warsaw, Indiana.
Clabaugh, Jacob Nathaniel.....Berkeley Springs, Morgan Co.
Costolo, Wheeler M.....Evansville, Preston Co.
Crummett, Simon Peter.....Harrisville, Ritchie Co.
Davis, Charles Sprigg.....Oakland, Md.
Davis, William Craft.....Oakland, Md.
Gatewood, De Witt Clinton.....Gladesville, Preston Co.
Gregg, Charles Taylor.....Morgantown.
Hart, William Hampton.....Maidsville, Monongalia Co.
Hare, Alfred Jarrett.....Morgantown.
Hawthorne, James Edmund.....Randall, Monongalia Co.
Hayes, Henry Hervit.....Morgantown.
Heaton, William Halleck.....Harrisville, Ritchie Co.
Henry, James C.....Newburg, Preston Co.
Hulsizer, Frank P.....Washington, Warren Co., N. J.
Huston, Chauncey Waitman.....Morgantown
Keener, Waitman Willey.....Morgantown.
Koontz, Omer H.....Morgantown.
Jamison, Jesse Alfred.....Laurel Point, Monongalia Co.
Lazier, Harrison Williams.....Morgantown.
Lee, George Hay.....Clarksburg, Harrison Co.

JUNIOR YEAR—Continued.

McVicker, John Clarence.....Morgantown.
McVicker, Clark.....Morgantown.
Michael. Walter Howard. .....Bruceton Mills, Preston Co.
Parfitt, George.....Easton, Monongalia Co.
Patton. Daniel Boughner.....Harrisville, Ritchie Co.
Ralphsnyder, Lafayette.....Cedar Valley, Monongalia Co.
Reed, David K .....Grafton, Taylor Co.
Russel, John Donley .....St. Cloud, Monongalia Co.
Sisler, John Lot.....Stewarttown, Monongalia Co.
Sisler, Benjamin Franklin.....Stewarttown, Monongalia Co.
Smell, Albert.....Easton, Monongalia Co.
Smith, Jasper Washington. .....Maidsville, Monongalia Co.
Townshend, Arthur .....Oakland, Md.
Vance, Robert A.....Morgantown.
Vandervort, James Hare. .....Morgantown.
Walls, George A.....Bruceton Mills. Preston Co.
Waters, Otis Watson.....Randall, Monongalia Co.
Yates, Edward G.....Clarksburg, Harrison Co.

RECAPITULATION.

Seniors	3
Juniors	7
Sophomores	6
Freshmen	20
Optional Students	8
Law Students	1
Medical Students	18
Senior Preparatory Students	40
Junior Preparatory Students	45
Grand total	148
Deduct for those counted more than once	13
Total	135

Recapitulation by States.

West Virginia	122
Maryland	6
Illinois	2
Indiana	2
Ohio	1
Pennsylvania	1
New Jersey	1
Total	135

The following is an exhibit of the number of students enrolled annually from the beginning:

The year 1867–8, shows a total of 124.
The year 1868–9, shows a total of 154.
The year 1869–70, shows a total of 161.
The year 1870–1, shows a total of 166.
The year 1871–2, shows a total of 159.
The year 1872–3, shows a total of 144.
The year 1873–4, shows a total of 138.
The year 1874–5, shows a total of 125.
The year 1875–6, shows a total of 96.
The year 1876–7, shows a total of 93.
The year 1877–8, shows a total of 118.
The present year, 1878–9, shows a total of 135.

Military Department.

FACULTY.

REV. J. R. THOMPSON, A. M.,

President.

MAJOR THOS. F. SNYDER,

Commandant.

The terms of the United States appropriation, require military instruction.

For the better instruction in infantry tactics and military police and discipline, the Cadets have been consolidated into one company, under the command of the Commandant of Cadets. The officers and non-commissioned officers are selected from those Cadets, who have been most active and soldier-like in the performance of their duties, and most exemplary in their general deportment.

COMMISSIONED OFFICERS.

Captain.

CADET B. L. KEENAN.

Lieutenants.

CADET C. E. GRAFTON, FIRST LIEUTENANT.

CADET A. L. COX, FIRST LIEUTENANT.

CADET W. H. SEAMON, SECOND LIEUTENANT AND ADJUTANT.

CADET T. E. HODGES, SECOND LIEUTENANT AND ORDNANCE OFFICER.

ROSTER OF STATE CADETS.

Non-Commissioned Officers.

Cadet W. M. Hyland First Sergeant
Cadet G. A. Pearre, Sergeant.
Cadet C. O. O'D. Henry, Sergeant.
Cadet J. N. Marsh, Sergeant.
Cadet J. L. Glascock, Color Sergeant.

Cadet H. S. Freeman, Corporal.
Cadet E. P. Chancellor, Corporal.
Cadet T. C. Blackiston, Corporal.
Cadet G. C. Lewis, Corporal.

No. of District.	Name.	Remarks.	When Enlisted or Discharged.
I.	Jas. M. Lee	Graduated	June 27, 1878
	Charles E. Grafton	Present for duty	October 1, 1875
	W. H. Seamon	Present for duty	March 30, 1877
	Jos. Devine	Present for duty	Sept. 20, 1878
	Vacancy		
	Vacancy		
II.	Arthur L. Cox	Present for duty	Sept. 4, 1877
	Hilliard S. Basnett	Absent on leave	Feb. 1, 1878
	Jacob L. Glascock	Present for duty	Feb. 1, 1878
	Camden Sommers	Present for duty	Sept. 20, 1878
	Howard N. Ogden	Present for duty	Oct. 2, 1878
III.	H. S. Freeman	Present for duty	Sept. 14, 1877
	Jas. Henry	Discharged	March 14, 1870
	George C. Lewis	Present for duty	Oct. 5, 1877
	Wm. H. Heaton	Present for duty	Oct. 2, 1878
	Vacancy		
	Vacancy		
IV.	Wm. M. Hyland	Present for duty	Sept. 14, 1877
	E. P. Chancellor, Jr.	Present for duty	Feb. 1, 1878
	A. J. Smith	Present for duty	Sept. 20, 1878
	G. K. Gambrill	Present for duty	Sept. 20, 1878
	Vacancy		

ROSTER OF STATE CADETS—Continued.

No. of District.	Name.	Remarks.	When Enlisted or Discharged.
V.	Frank K. Meeks	Present for duty	Oct. 5, 1877
	S. G. Cargill	Present for duty	Oct. 2, 1878
	R. Armstrong	Present for duty	April 11, 1879
	Vacancy		
	Vacancy		
VI.	Elias D. Jeffries	Present for duty	Sept. 14, 1877
	Lorenzo D. Sisler	Present for duty	Oct. 5, 1877
	Jas. H. Stewart	Present for duty	Sept. 20, 1878
	George C. Bowyer	Honorably discharged	March 15, 1879
	John E. Musgrave	Present for duty	April 11, 1879
	John L. Johnston	Present for duty	April 11, 1879
VII.	A. F. Courtney	Graduated	June 27, 1878
	B. L. Keenan	Present for duty	March 30, 1877
	A. H. Woodford	Honorably discharged	Jan. 8, 1879
	Smith Hood	Present for duty	March 10, 1879
	Vacancy		
	Vacancy		
	Vacancy		
VIII.	Jas. C. Williard	Present for duty	Feb. 1, 1878
	Geo. C. Baker	Present for duty	March 8, 1878
	G. W. Chidester	Present for duty	April 19, 1878
	D. C. Gatewood	Present for duty	March 28, 1879
	Vacancy		
IX.	A. G. Dayton	Graduated	June 27, 1878
	C. E. Hopkins	Discharged	Feb. 1, 1879
	G. M. Kelly	Present for duty	Sept. 14, 1877
	T. E. Hodges	Present for duty	Sept. 14, 1877
	D. K. Reed	Absent on furlough	Feb. 28, 1879
	Vacancy		
X.	Enoch J. Marsh	Graduated	June 27, 1878
	S. C. Kelly	Discharged	March 14, 1879
	Chas. O. O'D. Henry	Present for duty	April 15, 1877
	D. H. Courtney	Present for duty	Sept. 14, 1877
	Vacancy		
	Vacancy		
	Vacancy		
XI.	Daniel Rich	Graduated	June 27, 1878
	T. C. Blackiston	Present for duty	Sept. 14, 1877
	P. H. Nefflen	Present for duty	Sept. 20, 1878
	John Patton	Present for duty	Oct. 25, 1878
	Vacancy		
	Vacancy		

ROSTER OF STATE CADETS—Continued.

No. of District.	Name.	Remarks.	When Enlisted or Discharged.
XII.	B. S. Morgan	Graduated	June 27, 1878
	J. N. Marsh	Present for duty	March 20, 1876
	G. L. Blackford	Present for duty	Oct. 2, 1878
	Jas. V. Hussey	Honorably discharged	April 16, 1879
	R. P. Camden	Present for duty	Dec. 15, 1878
	Vacancy		
	Vacancy		

Pay Cadets.

Name.	Remarks.	When Enlisted or Discharged.
G. A. Pearre	Present for duty	Sept. 14, 1877
J. G. Pearre	Present for duty	Sept. 14, 1877
Oscar Jenkins	Present for duty	Oct. 15, 1878
C. A. Wever	Present for duty	Oct. 15, 1878
F. Purnell	Present for duty	Oct. 15, 1878

**Distinguished Cadets—1877-8.*

Name.	Military.	College.
A. F. Courtney	Military.	
A. G. Dayton	Military.	Classical.
J. M. Lee	Military.	Classical.
E. J. Marsh	Military.	Classical.
B. S. Morgan	Military.	Classical.
D. Rich	Military.	Classical.
C. E. Grafton	Military.	Scientific.
B. L. Keenan	Military.	
J. N. Marsh	Military.	
C. O. O'D. Henry	Military.	
T. E. Hodges	Military.	Classical.
W. M. Hyland	Military.	Classical.
A. L. Cox	Military.	
W. H. Seamon	Military.	Scientific.

*In accordance with the regulations established for the government of this corps the above Cadets are reported as distinguished in the departments opposite their names, by reason of having attained a yearly average of 9 and upwards on a scale of 10

Telegraphy & Signaling.

1878-9.

JOHN J. McLEAN, Signal Corps, U. S. A.,

Instructor.

Cabaugh, J. N.	Telegraphy.
Dickens, J. R.	Telegraphy.
Lambel, J. G.	Telegraphy.
McVicker, C.	Telegraphy.
Chapman, W. J.	Telegraphy.
Lazier, H.	Telegraphy.
Meeks, F. K.	Telegraphy.
Reed, D. K.	Telegraphy.
Cargill, S. G.	Signaling.
Hough, W. M.	Signaling.
Freeman, H. S.	Signaling.
Cox, F.	Signaling.
Smith, A. J.	Signaling.
Blackford, J. L.	Signaling.
Pearre, J. G.	Signaling.

Vocal Music.

D. B. PURINTON, A. M., INSTRUCTOR.

Some years ago, the Regents added Vocal Music to the Studies of the University. It is open, free of charge, to the student of all departments alike. The course of Instruction embraces one year, as follows:

FALL TERM—Rudiments and Elementary Practice.

WINTER TERM—Rudiments continued. Glee and Chorus Singing.

SPRING TERM—Lectures on Harmony and Composition, Chorus Singing, Review, &c.

Students.

*Anderson, W. F.
Baker, G. C.
Bailey, W. H.
Blackiston, T. C.
Brand, E. P.
Brand, G. E.
Camden, R. P.
Courtney, D. H.
Cox, A. L.
Crummett, S. B.
Davis, W. C.
Devine, J. M.
*Glenn, C. F.
*Henry, C. C.
*Hodges, T. E
*Hopkins, C. E.
*Jeffries, E. C.
*Jones, B. M.
*Lowther, L. A.
*Marsh, J. N.
Meeks, F. K.
Patton, J.
Pearre, J. G.
Burnell, F. M.
Ralphsnyder, L.
Reed, D. K.
*Sisler, L. D.
Stewart, S. H.
*Sutler, E. P.
Townshend, A.
Vance, R. A.
*Walters, A. A.
Willard, J. C.
Yates, E. G.

*For practice.

Course of Study.

The instruction thus far provided for in the University is embraced in six departments, viz: The Classical, Scientific, Agricultural, Engineering, Military; and for those de-iring to qualify themselves for regular admission to any of these, a Preparatory Department. No study has been dropped from any of these Departments, but the method of stating what is required in each, has been simplified in the present Catalogue.

I.

Classical Department.

The studies in this Department, required for the Degree of Bachelor of Arts, are as follows:

Freshman Year.

FIRST TERM.

Virgil—Bucolics and Georgics; Prose Composition. Gildersleeve's Grammar and Exercise Book.
Herodotus; Greek Prose Composition and Greek Grammar.
Universal History—Anderson.
University Algebra—Robinson.
Elocution.

SECOND TERM.

Horace—Odes and Epodes; Latin Prose Composition (continued).
Homer—Iliad; Greek Prose Composition (continued).
English Literature—Shaw.
Geometry (completed); Solid and Plane Trigonometry (commenced).
Elocution.

THIRD TERM.

Cicero—De Senectute and De Amicitia; Exercises in Latin Prose Composition.
Homer—Odyssey; Prose Composition.
Constitution of the United States and of West Virginia.
Plane Trigonometry (completed); Spherical Geometry and Trigonometry.
Elocution.

Sophomore Year.

FIRST TERM.

Xenophon—Memorabilia; Exercises in Greek Composition.
Rhetoric—Haven.
Mensuration; Surveying; Navigation.
Chemistry, Inorganic—Eliot and Storer.
Elocution.

SECOND TERM.

Horace—Satires and Epistles; Exercises in Latin Composition.
English Philology.
Analytical Geometry and Differential Calculus—Loomis.
Chemistry—Organic.
Elocution.

THIRD TERM.

Livy—Lincoln; Exercises in Latin Composition.
Plato—Crito and Apology; Exercises in Greek Composition.
Botany—Gray.
Integral Calculus—Loomis. (Optional).
Elocution.

Junior Year.

FIRST TERM.

Euripides' Alcestis; or French.
Mental Philosophy; The Intellect—Haven, and Lectures.
Physics, General Principles—Solids and Fluids.
Physical Geography (Guyot).

SECOND TERM.

Tacitus—Germania and Agricola; Latin Composition; or French.
Mental Philosophy; The Sensibilities and the Will—Haven, and Lectures.
Physics—Pneumatics, Acoustics, Optics.
Zoology—Nicholson.

THIRD TERM.

Demosthenes on the Crown, with Written Exercises; or French.
Physics—Heat, Correlation of Forces, Electricity.
Logic—Coppee.
Human Anatomy and Physiology—Draper.

Senior Year.

FIRST TERM.

Cicero—De Officiis; with Written Exercises on Historical Subjects; or German.
Moral Philosophy—Wayland.
History of Civilization—Guizot.
Geology, Lithological, Dynamical and Historical—LeConte, with Geological Excursions.

SECOND TERM.

Sophocles—(Œdipus Tyrannus; or German.
Elements of Criticism—Lord Kames.
Astronomy—Newcomb.
International Law—Woolsey.

THIRD TERM.

Political Economy—Bowen.
Tacitus—Annals; or German.
Astronomy (completed).
Christian Evidences; Lectures by the President.

If, in this Department, the student selects the French or German instead of the Latin or Greek, he shall be required to study them respectively, during three successive terms, and such selection must be made at the beginning of the Junior or Senior Year. The text books for the Junior Year are the same as those of the Scientific Freshmen, and for the Senior Year, the same as Junior Scientific.

II.

Scientific Department.

The studies in this Department required for the Degree of Bachelor of Science are the following:

Freshman Year.

FIRST TERM.

University Algebra—Robinson.
French—Languellier and Monsanto's French Course.
Universal History—Anderson.
Chemistry (Inorganic)—Eliot and Storer.
Elocution.

SECOND TERM.

Geometry (completed), Solid and Plane Trigonometry (commenced).
French—French Course (continued); French Reader.
English Literature—Shaw.
Chemistry (Organic).
Elocution.

THIRD TERM.

Plane Trigonometry (completed)—Spherical Geometry and Trigonometry.
French—French Course (completed); Telemaque (Surenne's).
Constitution of the United States, and of West Virginia.
Botany—Gray's School and Field Book.
Elocution.

Sophomore Year.

FIRST TERM.

Mensuration, Surveying and Navigation—Robinson.
French—Voltaire, Charles XII., French Grammar and Exercises.
Rhetoric—Haven.
Physics, General Principles—Solids and Fluids.
Elocution.

SECOND TERM.

Analytical Geometry, and Differential Calculus—Loomis.
French, Classic Plays—Joynes; Grammar and Exercises.
Chemical Analysis.
Physics—Undulations, Acoustics, Optics, Problems.
Elocution.

THIRD TERM.

Agriculture.
Integral Calculus—Loomis.
French (Optional)—Pylodet's Classic Literature.
Physics—Heat; Magnetic, Statical and Dynamical Electricity.
Chemical Analysis.
Elocution.

Junior Year.

FIRST TERM

Meteorology.
German—Woodbury's Complete Course.
Mental Philosophy, The Intellect—Haven, and Lectures.
Physical Geography—Guyot.

SECOND TERM.

Analytical Mechanics—Peck.
German—Grammar (continued); German Reader.
Zoology—Nicholson.
Mental Philosophy—The Sensibilities and the Will—Haven, and Lectures.

THIRD TERM.

Mineralogy—Dana's Manual.
German—Grammar and Free Exercises; Schiller's Jungfrau or Maria Stuart.
Logic—Coppee.
Human Anatomy and Physiology—Draper.

Senior Year.

FIRST TERM.

Moral Philosophy—Wayland.
German—Gœthe's Iphigenia in Tauris, or Egmont; Grammar and Exercises.
History of Civilization—Guizot.
Geology—Lithological, Dynamical and Historical—LeConte, with Geological Excursions.

SECOND TERM.

International Law—Woolsey.
German—Fouque's Undine; Grammar and Exercises.
Elements of Criticism—Lord Kames.
Astronomy—Descriptive and Physical.

THIRD TERM.

Evidences of Christianity—Lectures by the President.
Political Economy—Bowen.
German—(Optional)—Evans' German Literature; Grammar and Exercises.
Practical Astronomy—Calculation and Construction of Eclipses, verified by the Nautical Almanac.
Geology—LeConte.

III.

Department of Engineering.

The studies in this Department for the first, second and third years are the same as in the Scientific Course. For the Senior year they are as follows:

FIRST TERM.

Civil Engineering—Mahan.
Moral Philosophy—Wayland.
Physical Geography—(Guyot.)
Geology—Lithological, Historical and Dynamical—LeConte, with Geological Excursion.

SECOND TERM.

Military Engineering—Mahan.
Astronomy—Descriptive and Physical.
International Law—Woolsey.
Elements of Criticism—Kames.

THIRD TERM.

Gillespie on the Location, Construction and Improvement of Roads and Railroads.
Astronomy—Practical.
Evidences of Christianity; Lectures by the President.

The studies of the Modern Languages are the same as in the Scientific Course.

In addition to the text books prescribed to the Students of Modern Languages, they are required to read a prescribed Course of Literature and write exercises, both by dictation and translation, in French and German.

IV.

Military Department.

In addition to the daily drills as Infantry or Artillery, the Cadets are theoretically instructed in Military Science as follows:

FIRST YEAR.

First Term—Infantry Tactics; School of the Soldier; School of the Company.
Second Term—Instruction for Skirmishers; Battalion Drill.
Third Term—Brigade Drill; Military Signaling—(Myer's.)

SECOND YEAR.

First Term—Cavalry Tactics.
Second Term—Military History.
Third Term—Artillery Tactics.

THIRD YEAR.

First Term—Artillery Tactics (concluded.)
Second Term—Military Engineering (Ernst's); Field Fortifications (Mahan's.)
Third Term—Advance Guard and Outpost Duty—(Mahan's.)

FOURTH YEAR.

First Term—Strategy and Art of War.
Second Term—Ordnance and Gunnery (Benton's.)
Third Term—Military Law and Courts Martial; (Benits.)

Dress Parades, Reviews, Inspections, and Guard Mountings are held as often as is deemed expedient throughout the entire course.

The other studies in this Department, are those of the Classical or the Scientific Departments respectively.

V.

Agricultural Department.

The studies of this Department are, at present, embraced in a two years' course. Students having creditably completed this course, will be entitled to receive a certificate to that effect.

First Year.

FIRST TERM.

Inorganic Chemistry.
Physics—Solids and Fluids.
General History.
French or German (Optional).

SECOND TERM.

Organic Chemistry; Zoology.
English Literature.
French or German (Optional.)

THIRD TERM.

Botany and Vegetable Physiology.
Heat, Magnetism and Electricity.
Plane Trigonometry.
Constitution of the United States, and of West Virginia.

Second Year.

FIRST TERM.

Analytical Chemistry, Geology, Meteorology.
Chain and Compass Surveying.

SECOND TERM.

Analysis of Soils; Entomology.
Astronomy.
French or German (Optional),

THIRD TERM.

Allen's Farm Book.
Gillespie, on Roads and Road Making.
Political Economy.
Evidences of Christianity; Lectures by the President.

The Subjects for Lectures during the Course, are the following:

First Year

FIRST TERM.

The Chemistry, Structure and Physiology of Plants.
On the Water, Atmosphere and Soil, as Related to Vegetables.
On Tillage, Draining and Manuring.

SECOND TERM.

On Domestic Animals and their Digestion, Respiration, Assimilation and Excretion.
On the Composition, Preparation and Value of Different Kinds of Food.
On Milk, Butter, Cheese, Flesh and Wool, as Agricultural Products.

THIRD TERM.

On Horticultural and Kitchen Gardening.
On the Propagation, Training and Culture of Fruit Trees, the Vine, Small Fruits and Vegetables.

Second Year.

FIRST TERM.

On the Staple Grain, Forage, Root, and Fibre Corps of this and adjoining States, and their Varieties, and the Best Soils Adapted for Them.
On the Preparation of Soil, Seeding, Cultivating, Harvesting and Preparing for Market.
On the Origin and Natural History of Domestic Animals.
On Entomology, and the insects Useful and Hurtful to Vegetation.

SECOND TERM.

On the Raising, Care, Characteristics and Adaption of Different Breeds of Domestic Animals.
On Cattle for Beef or Draft, and Sheep for Wool or Mutton.
On Horses, Swine and Poultry.
On Pasturing, Soiling and Stall Feeding.
On Tobacco, Hops and Forestry.

THIRD TERM.

On Rural Economy.
On the History of Agriculture, with the sketches of the same in ancient and modern times; and in foreign lands.
On the Adaptation of Farming to Soil, Climate, Market and other Natural and Economical Conditions.
On the Different Systems of Husbandry, such as Stock, Sheep, Grain and Mixed Farming.

LAW DEPARTMENT.

MATRICULATION FEE $15.

The instruction in this Department is given partly through Text Books and partly through Lectures, there are daily examinations upon the text and the lectures. These examinations are oral and are upon the text, and the lectures of the preceding day. This session is of three months duration. The course of study is as follows:

COMMON AND STATUTE LAW.

Blackstone's Commentaries and Stephens on Pleading, 4th Vol. Kent's Commentaries. ☞*For Reference*, Code of West Virginia, and the Revised Statutes of the United States.

EQUITY, EVIDENCE, MERCANTILES AND CONSTITUTIONAL LAWS.

Adam's Equity, Greenleaf on Evidence (1st Volume).
Smith's Mercantile Law and the Federalist.

The above full course of study will only be completed in the event of the Board of Regents extending the session of the Law Department to nine months.

MEDICAL DEPARTMENT.

The Board of Regents, at its annual meeting in June last established a Chair of Anatomy, Physiology and Hygiene, and elected as Professor in this Department, HUGH W. BROCK, M. D., of Morgantown, whose Course of Instruction, it was enacted, should occupy one of the three terms of the University year.

This chair was designed by the Board to teach the Students of the University a more accurate and thorough knowledge of the structure and organization of the human body and of the laws of health than is ordinarily taught in the usual college courses.

It was designed also to serve as a *nucleus* around which, it is hoped, a fully organized Medical Department, in connection with the University, will at no distant day be established.

Pursuant to this action of the Board, Dr. Brock entered upon his duties at the beginning of the Spring term of the present year, during which he has given daily lectures to a class of eighteen Students on Anatomy, Physiology and Hygiene, illustrating his oral instruction by diagrams upon the blackboard, by Anatomical plates, by Anatomical preparations wet and dry, and by dissections upon the dead body made by himself either in the presence of the class or immediately before each lecture. Endeavoring to carry out the object of the Board, he has, in addition to his lectures upon

Descriptive Anatomy, taught much of Morbid and Surgical Anatomy, explaining the different forms of disease to which each organ is liable, demonstrating upon this subject the various important Surgical Regions of the body, and, in connection therewith, performing upon the cadaver, in presence of the class, most of the recognized operations in Surgery, such as lithotomy, herniotomy, tracheotomy, division of tendons for the relief of strabismus and clubfoot, amputations, resections, ligation of arteries, &c.

Minute Anatomy has been taught by the use of the microscope.

The Anatomical elements of the solid tissues and fluids of the body, as also many interesting and beautiful physiological phenomena such as the circulation of the blood in the frog's foot and ciliary motion as exhibited by the spermatazoa, epithelium from the frog's mouth, the Fresh Water Mussel and many different forms of Infusoria have been shown the class under the microscope.

In cases where it was practicable to do so patients from private practice have been brought before the class, examined and prescribed for and clinical lectures delivered upon the diseases with which these patients were afflicted. Several important Surgical operations upon private patients have been performed before the class.

The method of examining the urine and other fluids of the body in a state of disease as well as of health have been taught, chemically and microscopically.

In the lectures upon Physiology and Hygiene the means of preserving each organ and the body as a whole in a state of health have been impressed upon the mind of the student.

The interest taken by the members of the class in the studies of this Department of the University, as manifested by their punctual attendance upon and close attention to the lectures and also by their evident comprehension of the instruction imparted, as evinced by the daily examinations to which they are subjected upon the topics of the previous lecture, has been highly gratifying to their Instructor and has fully vindicated the wisdom of the Board of Regents in establishing this Department of the University.

The Class composing the Medical Department is made up as follows:

First—Of Members of the Junior Class who are required to take Anatomy and Physiology, in course, during the Junior Year.

Secondly—Of such State Cadets as elect to take the Course in this Department and who are recommended by the Faculty as qualified by preparatory study to do so.

Thirdly—Of Medical Students, proper, whether or not they be students in any other Department of the University. More than one-third of the eighteen members composing the present Medical class are, *bona fide*, Students of Medicine.

Neither Juniors nor Cadets are required to pay any additional fee to that already paid as regular students of the University.

All others are required to pay a fee of ten dollars for admission to the Lectures.

The same Course of Instruction given during the present year will be given during the Spring Term of the University Year of 1879-80.

For such Students of Medicine who, on account of limited means or time, are not prepared to take a full College Course but who desire to take, in connection with Medicine, studies in other departments of the University which are germane to and essentially necessary to an intelligent study of Medicine as a Science, for example, an Elementary Course in Latin and Greek and a Course in Chemistry, special and favorable provision will be made.

SCHEDULE OF DAILY RECITATIONS.

FIRST TERM.

	Class.	First Hour.	Second Hour.	Third Hour.	Fourth Hour.	Fifth Hour.
Classical.	Senior	Geology.	Moral Science.	Civilization.	Latin or German.	
	Junior	French or Greek.	Physical Geography.	Mental Philosophy.	Physics.	
	Sophomore	Rhetoric.	Surveying.	Chemistry.	Greek.	Elocution
	Freshman	Greek.	History.	Latin.	Algebra.	Elocution
Scientific.	Senior	Geology.	Moral Science.	Civilization.		German.
	Junior	Meteorology	Physical Geography.	Mental Philosophy.	German.	
	Sophomore	Rhetoric.	Surveying.	French.	Physics.	Elocution.
	Freshman	French.	History.	Chemistry.	Algebra.	Elocution.

SECOND TERM.

Classical.	Senior	International Law.	Astronomy.	Greek or German.	Elements of Criticism.	
	Junior	French or Latin.	Mental Philosophy.	Physics,	Zoology.	
	Sophomore	English Philology.	Analytical Geometry.	Latin.	Chemistry.	Elocution.
	Freshman	Greek.	English Literature.	Geometry.	Latin.	Elocution.
Scientific.	Senior	International Law.	Astronomy.		Elements of Criticism.	German.
	Junior	Analytical Mechanics.	Mental Philosophy.	German.	Zoology.	
	Sophomore	Chemical Analysis.	Analytical Geometry.	Physics.	French.	Elocution.
	Freshman	French.	English Literature.	Geometry.	Chemistry.	Elocution.

THIRD TERM.

Classical.	Senior	Ev. Christianity.	Astronomy.	Latin or German.	Political Economy.	
	Junior	Logic.	Greek or French.	Physics.	Anatomy.	
	Sophomore	Botany.	Calculus (opt.)	Latin.	Greek.	Elocution.
	Freshman	Latin.	Greek.	Constitution.	Trigonometry.	Elocution.
Scientific.	Senior	Ev. Christianity.	Astronomy.	Geology.	Pol. Economy.	
	Junior	Logic.	Mineralogy.	German.	Anatomy.	
	Sophomore	Chem. Analysis.	Calculus.	Physics.	Agriculture.	Elocution.
	Freshman	Botany.	French.	Constitution.	Trigonometry.	Elocution.

Preparatory Department.

Junior Year.

FIRST TERM.

Geography—Guyot's Common School; Map Drawing.
Arithmetic—Stoddard's Complete.
English Grammar—Etymology.
Latin (commenced).

SECOND TERM.

Geography—Guyot (continued); Map Drawing.
Arithmetic (continued).
English Grammar—Syntax.
Latin—Grammar and Reader.

THIRD TERM.

Arithmetic (completed).
English Grammar—Analysis of Sentences.
Latin—Grammar and Readers.
Greek—Bullion's First Lessons.

Senior Year.

FIRST TERM.

Algebra—Robinson's Elementary, to Involution.
Book-keeping.
Cæsar (two books)—Latin Grammar.
Greek—Grammar and Reader.

SECOND TERM.

Algebra—Robinson's Elementary (completed).
History of the United States—Anderson's.
Cicero's Orations (three orations)—Bullion's Latin Grammar.
Greek—Grammar and Reader.

THIRD TERM.

Geometry—Robinson (first four books).
History of the United States (completed).
Virgil—Three Books of Æneid; Latin Grammar.
Xenophon's Anabasis (two books); Greek Grammar.

Regular lessons in Writing, Spelling, Elocution and English Composition from beginning.

The course preparatory to the Scientific, the Engineering and the Military Departments is the same as the above with the substitution of Ollendorf's Manual, Physiology, Natural Philosophy and Stoddard's Mental Arithmetic, each one term respectively, for the studies of Greek.

The studies preparatory to the Agricultural Department are as follows:

First Term—Algebra; Arithmetic; Grammar; Geography.

Second Term—Algebra; Arithmetic; Grammar; History U. S.

Third Term—Geometry; Arithmetic; Grammar; History U. S.

SCHEDULE OF DAILY RECITATIONS.

PREPARATORY DEPARTMENT.

FIRST TERM.

YEAR.	FIRST HOUR.	SECOND HOUR.	THIRD HOUR.	FOURTH HOUR.	FIFTH HOUR.
Senior Year	Algebra.	Greek Reader, or Physiology.	Cæsar.	Book-keeping.	
Junior Year	Geography.	English Grammar 1st. English Grammar 2d.	Latin Lessons. Latin Lessons.	Arithmetic.	Reading or Writing.

SECOND TERM.

Senior Year	Algebra	Cicero.	Greek Reader or Natural Philosophy,	History U. S.	
Junior Year	Geography.	Latin Reader. Latin Reader.	Arithmetic.	English Grammar.	Reading or Writing.

THIRD TERM.

Senior Year	History U. S.	Anabasis or Stoddard's Mental Arithmetic.	Virgil	Geometry.	
Junior Year	Arithmetic.	Greek Lessons, or Citizen's Manual.	Latin Reader. Latin Reader.	English Grammar.	Reading or Writing.

General Remarks.

FOUNDATION OF THE UNIVERSITY.

The West Virginia University owes its existence to the combined bounty of the United States Government, the Legislature of West Virginia, and the citizens of Morgantown. On the 2d of July, 1862, the United States Congress passed an act granting public lands to the several States and Territories which should provide Schools for the promotion of Agriculture and Mechanic Arts. Under this act, thirty thousand acres for each of its Senators and Representatives in Congress were appropriated to this State. The proceeds of the sale of these Congressional lands amounted to $90,000.

The Constitution of West Virginia makes it the duty of the Legislature to "foster and encourage Moral, Intellectual, Scientific and Agricultural improvements; and to make provision for the organization of such institutions of learning as the best interest of general education may demand." The National gift was, therefore, accepted by the Legislature, and a Board appointed to organize the Institution, with instructions to "establish Departments of Education in Literature, Science, Art, Agriculture and Military Tactics—including a Preparatory Department."

The Legislature, realizing the value of such an Institution, its priceless worth to the State and Nation, its indispensable necessity to the new mountain Commonwealth, and in pursuance of its constitutional duty, has increased the endowment to about $110,000, with annual appropriations for current and contingent expenses. As no part of the Congressional grant can be applied to the erection of buildings (one-tenth only being allowed for the purchase of an experimental farm), the Legislature has also made provision for the supply and keeping in order of such buildings as the growth of the Institution may, from time to time, demand. Every interest of West Virginia requires that she furnish her sons the best possible educational advantages within her own borders. For the development of West Virginia resources, it is necessary that West Virginia brain should be educated on West Virginia soil.

The citizens of Morgantown, noted for their generosity and keen appreciation of educational advantages, contributed in grounds, buildings and money, about $50,000.

The University stands, therefore, in important relations to the Nation and State, and is bound to the sacred performance of all duties growing out of these relations.

NAME AND GOVERNMENT.

At the beginning, in common with some other National Colleges, it was simply called the "Agricultural College." Having been, however, fully adopted by the State, and the means originally supplied to aid in its establishment being further supplemented by the Legislature, an act was passed, pursuant to the recommendation of the Governor, ordering that it should thereafter be known by the style and designation of "West Virginia University." It is under the immediate oversight of a Board of twelve Regents, one from each Senatorial district, appointed by the Governor, and required to report biennially, through the Governor to the Legislature. The bitterness of partisan and sectarian disputes is excluded from its halls, and every effort made to secure to each student the full advantage of a broad and manly culture.

SCOPE.

This is entirely in accord with the original design of the institution, as seen in the first paragraph of these "General Remarks." The act of Congress contemplated the founding of institutions that would furnish not only "*practical*" but also "*liberal* education" education "in the several *pursuits*," and just as certainly "in the several *professions*," of life. It forbids the exclusion of "classical studies," and requires attention to Agricultural and Mechanical Education, Military Tactics, etc. The act of the Legislature contemplated a school of general instruction, and directed the Board to organize several distinct departments, as above enumerated, in the interest of the *people* of the State and of the Nation.

We trust that in the extent and in the quality of its work, and the thoroughness of its discipline and culture, as well as adaptation to the demands of the age, the University will prove itself deserving of no second rate position among the institutions of our land. It designs, by its instruction in Literature and Art; in Language, ancient and modern; in Mathematics, pure and applied; in the Sciences, agricultural, physical, mental, moral and social; by its recitations, lectures, examinations and elevating influences, to educate, inform and discipline the student's mind; to strengthen his moral principles, and supply such general and generous, as well as special, culture as will best prepare him for success and usefulness in any pursuit or profession in life.

OPPORTUNITIES AFFORDED.

The work which the University is accomplishing can be readily un

derstood from the Courses of Study prescribed in each of the Departments as already set forth.

We call special attention, however, to some features of the following Departments, viz:

LAW AND MEDICINE.

The Board of Regents at their meeting in June, 1878, took the first step toward the creation of Departments of Law and Medicine in the University. A Chair of Law and Equity was established, and Hon. D. B. Lucas, of Jefferson county, was elected to fill the same. Mr. Lucas having signified his declination, the Executive Committee, upon the proper recommendation, elected Mr. St. George Tucker Brooke, of Jefferson county, to fill the vacancy. Mr. Brooke's lectures during the current year have demonstrated his capacity and fitness for the Professorship he fills, and the authorities of the University entertain the confident hope that the School of Law will soon be one of its most attractive features.

The Board of Regents elected Hugh W. Brock, M. D., to the Chair of Anatomy, Physiology and Hygiene. Dr. Brock brings to the discharge of his duties great natural aptitude, long experience and professional study in the medical profession. His lectures during the Spring Term of 1879, were highly instructive and deservedly popular. These two Departments supply a long felt need in the University, and will greatly increase the number of students, as well as elevate the character of the school.

THE AGRICULTURAL.

Young men who desire to study only such branches as will enable the Farmer to pursue his calling with intelligence and profit will here find, at small expense of time and means, all they need in the way of a sound, practical education. They are not required to study any language but their own, nor go in mathematics farther than land surveying. Those deficient in elementary studies must spend at least one year in Preparatory studies before entering this department.

THE MILITARY.

The law provides that five Cadets may be appointed for each Senatorial District in the State. These are educated free of cost for tuition, books, stationery, &c. For such as desire a military and engineering education this department is provided. Cadets, however, are not limited to this, but may pursue their studies in any department of the University, subject to the general regulations laid down in the Code for the Cadets. Other students are permitted to drill, on condition that they provide themselves with the neat and becoming uniform of the Corps. Drill occupies one hour on each of four days in the week. The United States Government liberally furnishes the special supplies required for this department. These are of the latest and most improved construction

Applicants for admission to the Corps should address the Regent of the Senatorial District in which they reside, stating age, attainments, giving reference as to character, etc. Applicants must be between sixteen and twenty-one years of age. The members of the Cadet Corps are generally esteemed among the best scholars in the University.

THE PREPARATORY.

But comparatively few of our young men in West Virginia have home advantages for properly and fully preparing themselves to enter upon regular College studies. This Department has proved a fruitful source of supply for the higher classes, and also the means of maintaining an elevated grade of preliminary scholarship for admission to them. As the High Schools, Academies and Graded Schools of the State increase in number and efficiency, in the same proportion will the necessity of this Department diminish. Meanwhile, and until their increase and fuller development, it cannot be dispensed with without lowering the standard of Collegiate Study proper, or shutting out from the advantages of the Institution many of the best and most promising young men of the State. Nowhere else can young men be better prepared for advanced studies, or, if this is not contemplated, accomplish more thoroughly and advantageously such studies as are here provided.

Those who do not contemplate a full course, can also here be furnished with instruction in such preparatory studies as they may desire to pursue.

An Optional Course is allowed those students whose special tastes or necessities prevent them from graduating in any of the regular Departments. Parents and guardians of students who expect to attend the University are, however, earnestly advised to direct their studies with a view to entering one of the regular Departments. The attention of those who teach in our intermediate schools is also respectfully invited to this suggestion.

During the Spring Term of each year (beginning on the second Wednesday of March), unusual facilities are provided for all who may desire, either to take a short and limited course, or to fit themselves for the higher grades of teaching, clerking, or other *specialities*. All needed assistance in this work being rendered by the several Professors of the University, superior advantages are thus afforded to all comers.

NORMAL INSTRUCTION.

When desired, classes are formed in the Theory and Practice of Teaching, under the charge of an able and experienced instructor. Lectures are from time to time delivered before the class by the several members of the Faculty. The daily contact of the students in the class-room with their teachers, observing their methods and studying their plans, affords fine opportunities in this department of instruction. Nowhere in the State are afforded better facilities for practical Normal drill. The

graduates of the University have been remarkably successful in securing desirable positions as teachers, and have in almost every instance fully satisfied their employers, retaining their positions as long as they desired them. The Faculty of the University cheerfully render their assistance to capable students and graduates desiring positions as teachers.

REQUISITES FOR ADMISSION.

I. All candidates for admission to any department of the University must present satisfactory evidence of good moral character.

II. Students coming from other Colleges must produce certificates of honorable dismission from the same. No person shall be admitted into the Senior Class after the beginning of the University year.

III. Those entering as Students for a Degree in any department of the University, must sustain an examination in the various studies of the Preparatory School of the University, or their equivalent.

IV. Candidates for advanced standing must sustain an examination in the previous studies of the department which they desire to enter.

V. The regular examination for admission of candidates, who have not pursued the preliminary studies in the Preparatory School of the University, will take place on Friday, succeeding Commencement, and on the first day of the First Term.

VI. Candidates should procure a copy of the printed laws of the University, also the Treasurer's receipt for tuition before presenting themselves for enrollment.

VII. Applicants for admission to the Preparatory Department must stand an approved examination on spelling, reading, writing, modern geography, elements of English grammar, and arithmetic through common fractions.

VIII. Students are required to pronounce Greek and Latin according to the so-called Continental method.

EXAMINATIONS.

I. Each student, at the close of the Term, shall stand a public written examination upon all the studies which he has pursued during that Term. No student shall be excused for non-attendance on such examinations, except upon presentation of a reason which may be considered valid by the Faculty. No student who may be absent, and not thus excused, shall be allowed to continue in connection with the University. If at the close of any Term a student shall have failed to attain a standing of six, on a scale of ten, owing to a failure in examination, he shall be informed of the fact, and he may be allowed to stand a special examination under the same committee at any time before the beginning of the next College year.

II. The examination of each class shall be conducted by a committee composed of three members of the Faculty, who shall, within three days next preceding the examination, select a series of questions, not less than

nine nor more than fifteen, in number, and submit the same in writing to the class at the time of examination.

III. After examination the committee shall examine the papers and determine the standing made by each student in examination, which shall be considered the equivalent of one month's standing in recitation.

IV. Before a student shall be entitled to enter a higher class he shall, on a scale of ten, have attained a minimum standing of six in each study belonging to his class, which shall be determined by the average of his recitations and examinations.

V. Students who have not before been at the University should, on their arrival, report themselves to the President, and by him be assigned to such department and studies as they may desire and be prepared to enter. When a regular course of study is once adopted, the student is not allowed to vary from it, or change to another, without permission.

TUITION.

Tuition in the Preparatory Department. - - -	$5 00	per term.
" in other departments - - - - - - -	8 00	"
Contingent Fee in Preparatory Dep't - - - -	2 00	"
" " in other departments - -	2 00	"

BOARDING AND EXPENSES.

THE UNIVERSITY HAS NO DORMITORIES. This is a matter both of necessity and policy; of necessity, because the State has not been able to furnish money to build dormitories; of policy, because it is thought better for the students to be distributed among the people of the University town, amenable to the common laws and sentiments of society. The public bounty stops at furnishing free instruction, leaving to private hands the providing of maintenance.

Three methods of boarding are practiced: (1) Self boarding, by individuals, or, more commonly, by small groups or colonies composed of members of the same family, or of neighboring families. Rooms are hired, and furniture, provisions and fuel are brought from home. When well managed, this is an excellent and very economical mode of living. From $1.00 to $1.50 a week per pupil may be set down as the cost. (2) Club boarding. This has been practiced for some time and is an excellent system. A company of young men rent a number of rooms or an entire house and then organize and operate a boarding club. The price of boarding in clubs varies from $1.50 to $2.25 per week, including rent of room. (3) Boarding in families. The difficulties formerly encountered in procuring suitable places for students desiring to board in families, have disappeared. Good boarding can be found at reasonable prices ranging from $2.50 to $3.50.

Incidental expenses depend on the habits of the student. The law prohibits students incurring debts at stores, groceries, &c., except on written order of parents, guardian or teacher. Unnecessary and lavish expenditures induce not only waste of time and means, but neglect of study and formation of bad habits.

The *necessary* expenses for the college year of forty-one weeks are less here than in any other place known to us, where the same quality of instructions and other equal advantages are furnished. A young man of *really economical habits need not spend more than* $175.00 *per year including board, room-rent, tuition, etc., and have every advantage afforded by the University.*

PRIZES.

THE REGENTS' PRIZES.—To the student who shall write the best essay upon a given subject, $25. To the student who shall be adjudged the best declaimer, $15. These prizes to be awarded after public competition, by a committee of citizens appointed by the Faculty.

These were awarded at the last contest as follows, viz:

Essay—B. S. Morgan $25 00
Declamation—A. J. Elliott..... 15 00

THE PRESIDENT'S PRIZES.—In the annual contest of the Columbian and Parthenon Literary Societies, the President of the University offers the following prizes: To the successful Debater $30; to the successful Orator, $25; to the successful Essayist, $25; to the successful Declaimer, $10. The prizes to be awarded by a committee chosen in such manner as the Literary Societies may prescribe.

DISCIPLINE.

The rules of the University require that every student shall be in his place at all stated exercises from the opening to the close of his connection with the University. A record is kept in which are entered the grade of scholarship of each student, his absence from the exercises of the institution, his tardiness, or failure in recitation, unless satisfactorily accounted for. An abstract of this record, is sent at the close of each term, to parents or guardians, so that they may see what and how their sons and wards are studying, and how they stand in scholarship and deportment. In case of negligence, irregularity, or other misconduct, the student will be privately admonished and the parent or guardian will be informed of the fact. More inattention to study will, if persisted in, insure dismissal from the University. No student is allowed to leave the precincts of the University during term time without special permission.

The attention of parents and guardians is especially called to the fact that all exercises begin promptly on the day stated in the calendar, and that it is essential to the best interest of the student and of his classmates that he be punctual in his place from the first day of the term till the last. No excuse will be accepted for absence unless such absence is unavoidable. It must be distinctly understood that students are allowed to enter only on condition that they comply with the rules of the University, and apply themselves punctually and without interruption to their prescribed studies. College duties once assumed require a student's full time, and no extra work taken up by himself or imposed by others, and no absence for the mere pleasure of the student or his friends can be allowed to interfere with those duties.

The government of the students proceeds upon an entirely Christian basis. Kindness, gentleness and trustfulness are relied upon, rather than sternness, impatience and suspicion. In such an atmosphere, all noble and manly qualities ripen, and students learn to demean themselves as Christian gentlemen. Students are encouraged and incited to form habits of economy, industry, self-reliance, truthfulness and purity, and thus to become a law unto themselves.

RELIGIOUS INSTRUCTIONS AND WORSHIP.

The exercises of each day are opened with reading the Scriptures, singing and prayer, at which all the students are required to be present. They are also required, unless for sufficient reason excused, to attend regularly some place of religious worship on the Sabbath, and on all occasions to treat the institutions of religion with respect. The President of the University frequently preaches on Sunday afternoon in the chapel hall. The institution is entirely free from sectarian control or domination.

In the internal management and practical working of the institution, there is not now, and never has been, the slightest denominational friction.

LIBRARY.

A respectable beginning towards a University Library has been made. About five thousand volumes have been carefully selected and placed on its shelves, including, not only many choice and valuable books of reference, but also standard works in the various departments of History, Biography, Theology, Agriculture, Arts, Science and General Literature. During the past year, about one hundred and fifty volumes have been added by purchase to the Library, including a number of very valuable works on Literature and Science.

We respectfully request the friends of education to make contributions to its shelves. In addition to those hitherto granted, the following donations have been received during the year:

VOLS.	TITLE.	DONOR.
1	Penna. Geological Survey	Prof. I. C. White.
1	Message and Documents—War Department	Hon. B. F. Martin.
1	U. S. Geolog. Survey	" " "
1	Coast Survey, '69-'70	Secretary of the Interior.
1	Coast Survey, '74-'75	" " "
24	Executive Documents	" " "
1	Senate Journal	" " "
14	Miscellaneous Documents	" " "
11	Committee Reports	" " "
1	Geology of N. H., Vol. 3	Secretary of State, N. H.
1	Set of Maps	" " "
1	Geological Survey (Territorial)	Hon. B. F. Martin.
1	Statistical Atlas	" " "
1	Commerce and Navigation	" " "
1	Congressional Directory	Hon. H G. Davis.
1	Illinois Agric. Reports	Unknown.
1	U. S. Geological Survey, Birds of the Colorado Valley	Secretary of the Interior.
1	U. S. Geological Survey. Report of U. S. Entomological Commission	" " "
2	U. S. Geol. Survey, Miscellaneous Publications, Nos. 9 and 10	" " "

LIST OF DONATIONS—Continued.

Vols.	Titles.	Donors.
3	U. S. Geol. Survey, Bulletin of, Vol. IV, Nos. 2, 3 and 4	Secretary of the Interior.
2	U. S. Nautical Museum, Bulletin of, Nos. 13 and 14	"
2	Report of Secretary of the Treasury, 1878	Librarian.
2	State Charters and Constitution, U. S.	Hon. H. G. Davis.
1	Exhibition and Parlor Dramas	A. S. Donnan, (author.)
1	Washington Astronomical and Meteorological Observations, 1875.	Trustees of Syracuse.
1	West Virginia Reports, Vol. 12	Secretary of State, W. Va.
3	Smithsonian Miscellanies	Secretary of the Interior.
53	Public Documents	"
	Map of the Monongahela River Region, made in 1792	Hon. J. M. Hagans.

Nearly all the Weekly journals of the State, the Daily Wheeling *Register*, the Daily *State Democrat*, the Wheeling *Intelligencer*, and valuable religious papers of all the leading religious denominations are gratuitously sent to the reading room of the University.

MUSEUM, APPARATUS, &c.

The University is in possession of apparatus requisite for thorough illustration of Chemistry and Physics.

Several valuable articles of apparatus have been obtained for the department of Astronomy and Physics, including a Smithsonian Barometer, by Greene, of New York; a Sextant, by Crichton, of London, and a Clock with Zinc Compensation, by E. Howard & Co., Boston. A seven-foot Telescope has been constructed by John Byrne, of New York. It is equatorially mounted with right ascension and declination circles and is a first-class instrument in every respect.

The department of History has been furnished with a large map of the United States, and a fine set of Bretschneider and Spruner's Historical Wall Maps, ten in number, from the German publishing house of Jutus Perthes, of Gotha. Three of White's new Maps of West Virginia, have also been provided for use in different departments of the University.

The Museum contains extensive Mineralogical, Geological and Conchological cabinets, together with many specimens in other departments of Natural History. We request all who are interested in such matters to send suitable specimens for the museum, especially Indian relics, shells, minerals, fossils and alcoholic specimens of animals. Such donations will be acknowledged and carefully labeled with the name of the donor. There are already over 2,000 specimens of minerals and fossils, and more than 2,500 of recent shells.

The vicinity of the University offers unrivalled advantages for the study of practical Geology. Especial attention will be paid to this branch.

The labratory of Practical Chemistry is in operation. The instruction for the present is devoted chiefly to analysis, with its application to agriculture.

UNITED STATES SIGNAL STATION.

By direction of General Meyer, Chief Signal Officer of the Army, a signal station has been established at the University for the benefit of Commerce, Agriculture and Science. It is, at present, in charge of Sergeant John J. McLean, S. C., U. S. Army. Students are by this means furnished with special advantages for the study of Meteorology and related subjects. The frequent and carefully recorded observations taken by means of the most improved instruments will furnish accurate and reliable data for hereafter estimating climatic changes in West Virginia. By this means also, the newspapers, boards of trade, and river men generally, at Pittsburgh, Wheeling and Cincinnati, if they so desire, can be reliably advised of special movements in the river at the head of navigation. An abstract of the observation at this station for the year 1877, is printed at the end of the Catalogue. Sergeant McLean also teaches Telegraphy and Signaling, gratuitously.

LITERARY SOCIETIES.

There are two of these, (the Parthenon and the Columbian,) in connection with the University, supplied with suitable halls, tastefully furnished, whose exercises in Composition, Reading, Orations, Debate and Criticism are, in many respects, of great advantage to the student. They also afford facilities for the study of, and acquaintance with, Parliamentary forms, and the acquisition of business habits. The authorities of the University will afford every facility for increasing the accommodation and usefulness of these valuable auxiliaries.

LOCATION.

Morgantown, the seat of the University, is beautifully located on the right bank of the Monongahela river, Monongalia county, West Virginia. The scenery around is exceedingly attractive and picturesque. The place has long been famous for its social, intellectual and moral culture, and general healthfulness. Coaches leave every morning to and from Fairmont, on the Baltimore and Ohio Railroad. There is also a daily conveyance between Morgantown and Uniontown, Pa. Steamboats from Pittsburgh arrive every day at Geneva, twelve miles below Morgantown, and Congress has made liberal appropriations for the continuance of slackwater navigation in the Monongahela as far as Morgantown. A place more eligible for the quiet and successful pursuit of Science and Literature is nowhere to be found.

GROUNDS AND BUILDINGS.

The buildings are eligibly situated, and are admirably adapted to the purposes of the University. They are immediately outside, and within a few minutes' walk of Morgantown. The campus is ample, and is a fine natural park. The grounds command a wide and noble prospect; the town, the river, the bridge, the mountains, all feast the eye and soul. The buildings are models of architectural beauty and convenience, and are *healthfully* constructed. In addition to Preparatory Hall, the Armory

has been furnished, and is now occupied. The splendid University Building has also been finished and furnitured. The Commencement exercises of 1877-8 were held in its spacious and elegant Hall. Year by year, all the appointments of the University grow more desirable and attractive. It is surely winning its way to the lasting affection and deserved support of the people of West Virginia.

SIGNAL SERVICE, U. S. ARMY.

Division of Telegrams and Reports for the Benefit of Commerce and Agriculture.

ANNUAL MEANS, 1878.

DATE.	BAROMETER.							THERMOMETER.							WIND.						Am't of rain and melted snow.		No. of auroras.	Relative humidity.
	Mean.	MEAN OF			RANGE.			Mean.	MEAN OF—			RANGE.			Prevailing direction.	NUMBER MILES.					Am't in inches	No. of days on which rain or snow fell.		
		A. M. observation.	P. M. observation.	Night observation.	Highest.	Lowest.	Difference.		A. M. observation.	P. M. observation.	Night observation.	Maximum.	Minimum.	Difference.		Noon to 6 P. M.	6 P. M. to midnight.	Midnight to 6 A. M.	6 A. M. to noon.	Maxim'm velocity during month.	Total.				
1878.																								
January	30.051	30.099	30.031	30.060	30.662	29.550	1.112	32.84	29.44	36.29	32.00	54	3	57	S. W.	1810	1359	1371	1440	41	5980	3.95	19	1	71.1
February	29.947	29.974	29.904	30.003	30.397	29.310	1.087	38.20	34.39	43.07	37.61	64	21	43	S. W.	1487	1018	936	1103	34	4544	1.20	15	0	68.8
March	29.954	29.989	29.901	29.943	30.366	29.294	1.072	47.81	43.23	53.26	46.90	75	18	57	S. W.	2325	1290	1099	1760	42	6474	3.82	17	0	63.4
April	29.778	29.809	29.722	29.795	30.116	29.370	0.746	57.87	53.60	64.27	55.57	89	32	57	W.	2195	1148	720	1468	45	5531	2.80	14	0	59.5
May	29.923	29.952	29.879	29.936	30.204	29.559	0.645	60.27	57.06	66.55	56.42	82	36	46	S. W.	1722	807	503	1404	54	4436	2.87	18	0	65.2
June	29.913	29.943	29.864	29.926	30.230	29.446	0.784	66.78	63.27	74.17	62.53	90	41	49	S. W.	1515	647	423	964	37	3549	4.35	11	0	66.8
July	29.924	29.964	29.866	29.934	30.149	29.491	0.658	78.95	75.97	86.06	74.84	95	56	39	S. W.	1513	625	309	813	43	3260	3.74	11	0	65.5
August	29.879	29.916	29.829	29.889	30.145	29.649	0.466	74.3..	70.2..	80.8..	70.8..	90	56	34	S. W.	1528	456	302	787	24	3103	2.50	14	0	69.2
September	30.087	30.125	30.033	30.095	30.483	29.456	1.027	66.9..	62.7..	73.8..	63.7..	85	41	44	S. W.	1452	597	422	911	29	3382	3.24	11	0	72.8
October	30.045	30.082	30.002	30.055	30.363	29.458	0.905	54.16	48.97	60.94	50.61	80	27	53	S. W.	1466	643	675	1215	42	3999	3.87	11	0	71.5
November	30.005	30.040	29.966	30.015	30.445	29.267	1.178	43.5..	39.3..	47.8..	41.9..	59	25	34	S. W.	1792	1438	1073	1416	31	5419	5.95	14	0	74.4
December	30.048	30.084	30.022	30.053	30.588	29.080	1.508	31.4..	29.6..	33.4..	30.3..	54	7	47	S. W.	1671	1487	1440	1611	38	6209	4.84	23	0	75.6
An'l M'ns	29.963	29.998	29.918	29.975	30.343	29.414	0.932	54.44	50.64	60.03	54.77	76.4	29.7	46.7	S. W.	20476	11245	9273	14892	38.1	55886	43.13	178	1	68.65

WEST VIRGINIA UNIVERSITY.

SIGNAL SERVICE, U. S. ARMY—*Continued.*

GENERAL REMARKS.

January.....Lunar halos, 2; river frozen over 7th, first of season; river open, 12th.

February.....24th, trees in bud.

March.....Lunar halo, 1; robins, 5th; thunder storms, 11th, 12th, 24th, 31st; martins return, 13th; woodpeckers, 14th; peaches in bloom, 19th; last snow, 25th.

April.....Solar halo, 1; lunar halos, 2; cherries in bloom, 5th; plums in bloom, 10th; thunder storms, 10th, 20th, 22d, 24th; swallows, 13th

May.....Potato bugs, 6th; roses in bloom, 10th; hail; 11th and 13th, lunar halos; 20th, hail; 23d, fire-flies.

June.....Frost, 6th; hail on 8th and 11th; farmers cutting wheat on 26th.

July.....Double rainbow on 12th; solar eclipse not visible, being obscured by cloudy weather.

August.....Lunar halo, on 16th; Sergeant Dunne relieved by Sergeant J. H. Bokel on 20th.

September.....Lunar halo on 11th.

October.....First frost on 7th; lunar halo, 10th; frost 22d, 24th, 25th, 28th, 29th, 31st; first ice, 29th; first snow, 31st; wild geese, 31st

November.....Frost, 3d, 4th, 9th, 14th and 15th; sleet on 8th; high river (15 ft. 8 in.), 23d.

December.....Lunar halo, 7th; frost, 13th, 17th, 24th, 25th, 29th, 31st; sleet, 21st; river frozen over from 26th to 31st; brilliant meteor on [illegible]

Prepared by authority of the Chief Signal Officer of the Army, by

JOHN J. McLEAN,

Sergt. Corps, U. S. A.

Station—MORGANTOWN, W. VA.

CATALOGUE

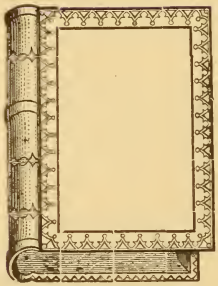
—OF—

WEST VIRGINIA UNIVERSITY,

MORGANTOWN,

For the Year 1879-80.

WHEELING:
W. J. JOHNSTON, PUBLIC PRINTER.
1880.



Calendar.

According to an order of the Regents, June 27th, 1878, the University year includes forty-one weeks, and is divided as before, into three terms.

The First Term begins on the first Wednesday of September, and continues thirteen weeks.

The Second Term begins on the fourth Wednesday of November, and the Third, on the second Wednesday of March.

The Annual Commencement is on the second Thursday of June.

Prompt attendance at the beginning of each term is very important to the student.

—o—

1880.

June 3d.—Thursday, 9 A. M.—Annual Examination begins.

6th.—Sunday, 3 P. M.—Baccalaureate Sermon, by the President.

7th.—Monday, 7:30 P. M.—Regents' Prize Contest.

8th.—Tuesday, 7:30 P. M.—Anniversary of the Alumni Association.

9th.—Wednesday, 7:30 P. M.—Address to the Literary Societies.

10th.—Thursday, 9 A. M.—Commencement Day.—7:30 P. M.—Public Contest of the Literary Societies.

September 1st.—Wednesday, 9 A. M.—Examination of Candidates for admission.

2d.—Thursday, 9 A. M.—Regular work of 1880-1 begins.

November 23d.—Tuesday—First Term ends.

24th.—Wednesday, 9 A. M.—Second Term begins.

1881.

March 8th.—Tuesday—Second Term ends.

9th.—Wednesday—Third Term begins.

April 22d.—Friday—Junior Exhibition.

June 9th.—Thursday—Third Term ends.

COMMENCEMENT.

Board of Regents.

No. Dist.	Name of Regent.	P. O. Address.
1	B. W. Allen,	Wheeling.
2	James Morrow, Jr.,	Fairmont.
3	M. S. Hall,	Harrisville.
4	D. D. Johnson,	Long Reach.
5	James Stewart,	Raymond City.
6	H. S. Walker,	Charleston.
7	H. C. Simms,	Huntington.
8	A. F. Mathews.	Lewisburg.
9	T. J. Farnsworth,	Buckhannon.
10	H. W. Brock,	Morgantown.
11	John A. Robinson,	Patterson's Creek.
12	D. B. Lucas,	Charlestown.

Officers of the Board.

D. D. JOHNSON, President.
A. W. LORENTZ, Treasurer.
HUGH W. BROCK, Secretary.

Executive Committee.

HUGH W. BROCK, Chairman.
JOHN J. BROWN.
PHILIP H. KECK.
JOS. MORELAND.
THOS. H. PRICE.
THOS. ROGERS.
E. SHISLER.
J. P. SHAFER.

Secretary,
JOHN I HARVEY.

Superintendent of Grounds and Buildings.

W. O. ISON.

Faculty and Teachers.

REV. J. R. THOMPSON, A. M., PRESIDENT,
Prof. of Mental and Moral Science and Evidences of Christianity.

F. S. LYON, A. M., VICE-PRESIDENT,
Prof. of History, Political Economy and Belles Lettres.

* .....
Prof. of Agriculture, Chemistry and Physics.

ROBT. C. BERKELEY, M. A.,
Prof. of Ancient Languages and Literature, and Secretary of Faculty.

JOHN I. HARVEY, A. M.,
Prof. of Modern Languages and Literature, and Librarian.

I. C. WHITE, A. M.,
Prof. of Astronomy and Natural History.

A. W. LORENTZ, A. M.,
Principal of the Preparatory Department.

D. B. PURINTON, A. M.,
Prof. of Logic and Acting Prof. of Mathematics.

H. W. BROCK, M. D.,
Prof. of Anatomy, Physiology, and Hygiene.

*The studies of this Chair have been temporarily distributed among the other professors.

FACULTY—CONTINUED.

ST. GEORGE T. BROOKE,

Prof. of Law and Equity.

JAMES S. STEWART, B. S.,

Assistant in Preparatory Department.

MAJOR W. O. ISON, A. M.,

Commandant of Cadets and Assistant in Preparatory Department.

JOHN B. MERRILL, S. C. U.S. A.,*

Meteorological Observer and Instructor in Signaling and Telegraphy.

WM. DANCER, *Janitor.*

*JOHN J. MCLEAN, S. C. U. S. A., occupied this position during the Fall and Winter Terms.

LECTURES.

REV. C. H PAYNE, D.D., LL.D.,
"Shams."

REV. A. WHEELER, D. D.,
"The Failure of the Christian Church."

REV. ROBERT LOWRY, D. D. (*Two Lectures*).
"Cardinal Wolsey."
"Music."

HON. E. G. CRACRAFT,
"Master or Slave—Which?"

REV. W. C. SNODGRASS,
"A Love That Comes Too Late."

HON. JNO. A. HUTCHINSON,
"Political Morality."

HON. D. D. JOHNSON,
"The Christian Citizen."

Alumni.

1870.

Dent, Marmaduke H., A. M.

1871.

Dille, Oliver H., M. S.
Jolliffe, Wm. E., A. M.

1872.

Drabell, John H., A. M.
McLane, Allen E., A. M.
Smith, Benj. W., A. M.
White, I. C., A. M.

1873.

Babb, Chas. M., A. M.
Border, Daniel W., A. M.
Boughner, Wm. L., M. S.
Brown, James F., A. M.
Bullock, Edmund T., A. M.
Harris, John T., M. S.
Linch, George P., M. S.
McClure, Taylor B., M. S.
Price, Thomas H., M. S. M. D.
Pritchard, Wm. T., M. S.
Purinton, Daniel B., A. M.
Temple, Marcellus L., A. M.
Waters, James T., A. M.

1874.

*Chadwick, Richard V., A. M.
Dean, John S. W., A. M.
Howell, Wm. M., A. M.
Jacobs, Thos. P., A. M.
Lynch, Chas. W., A. M.
Moran, Ellsworth E., A. M.
Woods, Frank, A. M.

1875.

Adams, Samuel Shugert, A. M.
Dolliver, R. H., A. M.
Dolliver, J. P., A. M.
Golden, Franklin A., B. S.
Martin, James V., A. M.
Peterson, J. J., A. M.
Purinton, A. L., A. M.

1876.

Anderson, John C., M. S.
Frasher, Luke H., A. M.
Hubbard, Harry Dana, M. S.
Ison, Willey Owens, A. M.
Kemp, Howard Mason, B. S.
Laidley, George Summers, M. S.
Nash, James Henry, M. S.
Ramage, Thomas C., M. S.
Wetzel, Daniel Elliot, A. M.

*Deceased.

1877.

Brown, William Gay, A. B.
Dille, Clarence B., A. B.
Hawthorne, Joseph H., A. B.
Hood, Thomas M., A. B.
Rogers, Daniel R., A. B.,
Smith, Everett C., B. S.
Snively, Harry J., A. B.
Steele, John L., A. B.
Stewart, James S., B. S.

1878.

Courtney, Alpheus F., B. S.
Dayton, Alston Gordon, A. B.
Lee, James McMillen, A. B.
Morgan, Benjamin S., A. B.
Marsh, Enoch Jasper, A. B.
Rich, Daniel, A. B.

1879.

Purinton, George Dana, A. B.
Rogers, William A., A. B.
Wade, Spencer S., B. S.

Undergraduates.

SENIORS.

GRAFTON, CHARLES EDWIN.....Sci.....New Cumberland, Hancock Co.
KEENAN, B. L.....Sci.....Maidsville, Monongalia, Co.
MARSH, JOHN NELSON.....Class...Morgantown.
PEARRE, GEO. A., JR.....Class...Cumberland, Md.
WATERS, A. A.....Class...Laurel Point, Monongalia Co.

JUNIORS.

*COX, A. L.....Sci.....Fairmont.
HODGES, THOS. E.....Class...French Creek, Upshur County.
HYLAND, WILLIAM M.....Class...
Oxon Hill, Prince George's Co., Md.
*OGDEN, HOWARD N.....Class...Fairmont.

SOPHOMORES.

*ANDERSON, WILLIAM FRANKLIN....Class...Easton, Monongalia County.
*BOYD, T. R.....Class...Galva, Ill.
*BROWN, ZALMON KENT.....Class...Morgantown.
COURTNEY, DAVID HALL.....Class...Randall, Monongalia County.
*COX, FRANK.....Class...Morgantown.
FREEMAN, H. S.....Class...Clarksburg.
*HAYMOND, GEORGE HIRAM.....Class...Morgantown.
*JEFFRIES, ELIAS DICK.....Class...Arbuckle, Mason County.
LAWHEAD, JAMES HENRY.....Sci.....Morgantown.
LEWIS, GEORGE C.....Class...Clarksburg.
*LOWTHER, SYLVESTER.....Class...Morgantown.
*SMITH, ASHBY JACKSON,.....Class...Parkersburg.
SOMMERS, CAMDEN.....Sci.....Clarksburg.

FRESHMEN.

BAKER, GEORGE COLEMAN.....Class...Morgantown.
*BASNETT, HILLIARD SAMUEL.....Class...Basnettsville, Marion County.
BERKELEY, LANCELOT M.....Class...Morgantown.

Class—Classical Course. Sci.—Scientific Course. *Conditioned.

FRESHMEN—Continued.

BLAND, WILLIAM THOMAS	Sci.	Weston.
*BOYERS, LUTHER M.	Class.	Randall, Monongalia County.
*BROWN, BENJAMIN	Class.	Charleston.
BROWN, SAMUEL BOARDMAN	Class.	Gladesville, Preston County.
*CAMDEN, RICHARD PINDLE	Class.	Weston.
*DEVINE, JOSEPH MCMURRY	Sci.	Wheeling.
DONNALLY, CHARLES HEDRICK	Sci.	Charleston.
GLENN, CHARLES FLETCHER	Class.	Morgantown.
*GAMBRILL, GEORGE KINCHELOE	Class.	Parkersburg.
HOOD, SMITH	Class.	Lowsville, Monongalia County.
*JAMESSON, HORATIO PEMBERTON	Sci.	Piedmont.
JOHNSTON, JOHN L.	Sci.	Peatress, Monongalia County.
*KELLEY, GEORGE MACKLEN	Sci.	Morgantown.
*KELLEY, SAMUEL CHESTNUT	Sci.	Morgantown.
LAZZELL, LUTHER JAMES	Class.	Maidsville, Monongalia Co.
LAZZELL, ISAAC GRANT	Class.	Maidsville, Monongalia Co.
LORENTZ, CHARLES FREDRICK	Sci.	Morgantown.
MCCARTY, NORVAL BUSHROD	Class.	Lumberport, Harrison County.
MUSGRAVE, JOHN EDGAR	Sci.	West Columbia, Mason County.
MORRIS, H. PERRY	Class.	Morgantown.
NEFFLEN, PAUL HERMAN	Sci.	Piedmont, Mineral County.
*PATTON, JOHN	Class.	Romine's Mills, Harrison Co.
*RUSSELL, JOHN DONLEY	Sci.	St. Cloud, Monongalia County.
*STEWART, JAMES HENRY	Class.	Elsinore, Putnam County.
WELLS, S. P., JR	Sci.	Parkersburg.
*WEVER, CHARLES ALLEN	Class.	Martinsburg.
*WILLIAMS, BENJAMIN G.,	Sci.	Greensburgh, Pa.

OPTIONAL STUDENTS.

COWAN, M. E.	Wilsonburg, Harrison County
HENRY, C. O. O'D.	Newburg, Preston County.
HOUGH, WALTER	Morgantown.
PEARRE, JAMES GRAHAM	Cumberland, Md.

Class—Classical Course Sci.—Scientific Course. *Conditioned.

Professional Students.

LAW DEPARTMENT.

Haymond, Frank T.....Morgantown.
Houston, Waitman Willey.....Morgantown.
Hodges, Thomas E.....French Creek, Upshur County
Hyland, William M.....
Oxon Hill, Prince George's County, Md.
Pearre, George A., Jr.....Cumberland, Md.

MEDICAL DEPARTMENT.

Arnett, C. W.....Fairmont, Marion County.
Courtney, A. F.....Randall, Monongalia County.
Fitch, Dorsey P. .....Morgantown, Monongalia Co.
Gatewood, D. C. .....Gladesville, Preston County.
Glenn, C. F. .....Morgantown, Monongalia Co.
Henry, C. O. O'D.....Newburg, Preston County.
Kelly, W. C. .....Morgantown, Monongalia Co.
Tanzey, A. E.....Uffington, Monongalia County.

Preparatory Department.

FACULTY.

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REV. J. R. THOMPSON, A. M.,

President.

A. W. LORENTZ, A. M.,

Principal.

JAMES S. STEWART, B. S., SECRETARY,

Assistant.

MAJOR W. O. ISON,

Commandant of Cadets and Assistant.

D. B. PURINTON, A. M

Instructor in Vocal Music.

PREPARATORY STUDENTS.

SENIOR YEAR.

Armstrong, Robert.....
Armstrong's Landing, Putnam County.
Arnett, Calvin W.....Fairmont, Marion County.
Barb, Waitman T. Willey.....Laurel Point, Monongalia Co.
Brooke, Lee Davis.....Helena, Montana Territory.
Cargill, Samuel G.....Winfield, Putnam County.
Chapman, William Gray, Jr.....Warsaw, Indiana.
Cooper, Charles Nelson.....Bellville, Wood County.
Cork, Jacob F.....Clarksburg, Harrison County.
Davis, William Craft.....Oakland, Md.
Fisher, Sandford Rosewell.....Laurel Point, Monongalia Co.
Fleming, Harvey.....Auburn, Ritchie County.
Gatewood, DeWitt Clinton.....Gladesville, Preston County.
Gregg, Charles Taylor.....Morgantown.
Hall, Ira E.....Laurel Point, Monongalia Co.
Hare, Alfred Jarrett.....Morgantown.
Hawthorne, James Edmund.....Randall, Monongalia County.
Hartigan, James William.....Piedmont, Mineral County.
Holt, A. L.....Glenville, Gilmer County.
Huston, Chauncey Waitman.....Morgantown.
Jackson, John Cabell Benjamin.....Kingwood, Preston County.
Jamison, Jesse Alfred.....Laurel Point, Monongalia Co.
Keener, Waitman Willey.....Morgantown.
Kerr, Robert Emmett.....Swamp Run, Upshur County.
Knight, Lycurgus Newton.....West Columbia, Mason County.
Mapel, Walter P.....Rosedale, Greene County, Pa.
McMillen, Edward Willie.....Masontown, Preston County.
Michael, Walter Howard.....Bruceton Mills, Preston Co.
O'Brien, Daniel Ulysses.....Weston, Lewis County.
O'Brien, William Smith.....Weston Lewis County.
Ong, Joseph Nihoff.....Charleston, Kanawha County.
Patton, Daniel Boughner.....Harrisville, Ritchie County.
Poling, Francis Asbury.....Philippi, Barbour County.
Purnell, Frank Morgan.....Bellaire, Ohio.
Ralphsnyder, Lafayette.....Cedar Valley, Monongalia Co.
Ramsey, William Hance.....Huntington, Cabell County.
Reed, David K.....Grafton, Taylor County.
Robinson, Harry Lee.....Uniontown, Fayette Co., Pa.
Smith, Jasper Washington.....Maidsville, Monongalia County.

SENIOR YEAR—Continued.

Snodgrass, Calvin Newton.....Auburn, Ritchie County.
Sweeney, John David.....Centreville, Tyler County.
Tapp, Robert W.....Maidsville, Monongalia County.
Townshend, Arthur.....Oakland, Md.
Vance, Lee Horner.....Clarksburg, Harrison County.
Waters, Otis Watson.....Randall, Monongalia County.
Williams, Luther Judson.....Williamsburg, Greenbrier Co.
Wilson, John Franklin.....Grafton, Taylor County.

JUNIOR YEAR.

Bailey, Robert McCanlish.....Weston, Lewis County.
Boughner, Andrew Brown.....Morgantown.
Boyer, Simon Leonard.....Randall, Monongalia County.
Brand, William Hart.....Easton, Monongalia County.
Casteel, Delphy Truman Ellsworth.....McHenry, P. O. Garrett Co., Md.
Conley, Henry Carrell.....Piedmont, Mineral County.
Dawkins, Arthur Dempsey.....Sandyville, Jackson County.
Dupuy, Alexander Victor.....La Fourche Parish, La.
Edwards, John Henry.....East Liberty, Fayette County, Pa.
Everett, Dick F.....Cumberland, Md.
Fear, James Arthur.....Hoodsville, Marion County.
Hagans, William Henry.....Brandonville, Preston County.
Henry, James C.....Newburg, Preston County.
Hurst, Nathaniel G.....Uniontown, Fayette County, Pa.
Irwin, Robert Sheridan.....Morgantown.
Jamesson, Harper C.....Piedmont, Mineral County.
Johns, Philip Sheridan.....Uniontown, Fayette County, Pa.
Kitsmiller, Lewis.....Knottsville, Taylor County.
Lazier, Harrison Williams.....Morgantown.
St. Clair, Leroy Kramer.....Easton, Monongalia County.
Upson, Frank Ellsworth.....Warsaw, Indiana.
White, Thomas Lincoln.....Rock Lick, Marshall County.
Windon, John Henry.....Graham Station, Mason County.
Yokum, Humbolt.....Beverly, Randolph County.

RECAPITULATION.

Seniors	5
Juniors	4
Sophomores	13
Freshmen	30
Optional Students	4
Law Students	5
Medical Students	8
Senior Preparatory Students	46
Junior Preparatory Students	24
Grand Total	139
Deduct for those counted more than once	7
Total	132

RECAPITULATION BY COUNTIES IN WEST VIRGINIA.

Barbour County	1
Berkeley County	1
Cabell County	1
Gilmer County	1
Greenbrier County	1
Hancock County	1
Harrison County	8
Jackson County	1
Kanawha County	3
Lewis County	5
Marshall County	1
Marion County	5
Mason County	4
Mineral County	5
Monongalia County	49
Ohio County	1
Preston County	8
Putnam County	3
Randolph County	1
Ritchie County	3
Taylor County	3
Tyler County	1
Upshur County	2
Wood County	4
Total	113

RECAPITULATION BY STATES.

West Virginia	118
Pennsylvania	6
Maryland	7
Indiana	2
Illinois	1
Ohio	1
Louisiana	1
Montana Territory	1
Total	142

The following is an exhibit of the number of students enrolled annually from the beginning:

The year 1867–8, shows a total of 124.
The year 1868–9, shows a total of 154.
The year 1869–70, shows a total of 161.
The year 1870–1, shows a total of 166.
The year 1871–2, shows a total of 159.
The year 1872–3, shows a total of 144.
The year 1873–4, shows a total of 138.
The year 1874–5, shows a total of 125.
The year 1875–6, shows a total of 96.
The year 1876–7, shows a total of 93.
The year 1877–8, shows a total of 118.
The year 1878–9, shows a total of 135.
The present year, 1879–80, shows a total of 132.

Military Department.

FACULTY.

REV. J. R. THOMPSON, A. M.,

President.

W. O. ISON, Maj., A. M.

Commandant.

COMMISSIONED OFFICERS.

CAPTAIN:

Cadet BRUCE L. KEENAN.

LIEUTENANTS:

Cadet CHAS. E. GRAFTON, First Lieutenant.
Cadet ARTHUR L. COX, First Lieutenant and Adjutant.
Cadet THOS. E. HODGES, Second Lieutenant and Ordnance Officer.
Cadet GEORGE A. PEARRE, Second Lieutenant.

ROSTER OF STATE CADETS.

NON COMMISSIONED OFFICERS.

CADET W. M. HYLAND, First Sergeant.
CADET J. N. MARSH, Sergeant.
CADET J. H. STEWART, Sergeant.
CADET E. D. JEFFRIES, Color Sergeant.
CADET G. C. LEWIS, Sergeant.

CADET F. M. PURNELL Corporal.
CADET D. H. COURTNEY, Corporal.
CADET A. J. SMITH, Corporal.
CADET G. C. BAKER, Corporal.
CADET S. G. CARGILL, Corporal.
CADET H. N. OGDEN, Corporal.

No. of District.	NAME.	REMARKS	When Enlisted or Discharged
I.	Charles E. Grafton	Present for duty	October 1, 1879
	Joseph M. Devine	Honorably discharged	April 21, 1880
	Samuel B. Brown	Present for duty	Sept. 19, 1879
	Vacancy		
	Vacancy		
	Vacancy		
II.	Arthur L. Cox	Present for duty	Sept. 4, 1877.
	Hilliard S. Basnett	Absent with leave	Feb. 1, 1878.
	Jacob L. Glasscock	Honorably discharged	Sept. 12, 1879
	*Camden Sommers	Dropped from roll	Mar. 31, 1880
	Howard N. Ogden	Present for duty	Oct. 2, 1878
	Wm. H. Hagans	Present for duty	Oct. 17, 1879
	Vacancy		

*Failed to return books received as Cadet.

ROSTER OF STATE CADETS—Continued.

No. of District.	Name.	Remarks.	When Enlisted or Discharged.
III.	H. S. Freeman	Discharged	Oct. 24, 1879.
	George C. Lewis	Absent with leave	Oct. 5, 1877.
	Wm. H. Heaton	Honorably discharged	March 31, 1880.
	C. N. Snodgrass	Present for duty	Sept. 12, 1879.
	A. L. Holt	Present for duty	Sept. 26, 1879.
	Jacob Cork	Present for duty	Oct. 10, 1879.
	Harvey Fleming	Present for duty	March 31, 1880.
IV.	Wm. M. Hyland	Present for duty	Sept. 14, 1877.
	E. P. Chancellor, Jr.	Honorably discharged	March 31, 1880.
	Ashby J. Smith	Absent with leave	Sept. 20, 1878.
	George K. Gambrill	Present for duty	Sept. 20, 1878.
	John D. Sweeney	Present for duty	March 31, 1880.
	Vacancy		
V.	F. K. Meeks	Honorably discharged	April 23, 1880.
	Samuel G. Cargill	Present for duty	Oct. 2, 1878.
	Robert Armstrong	Present for duty	April 11, 1879.
	L. N. Knight	Present for duty	Sept. 26, 1879.
	†J. N. Ong	Dropped from roll	March 12, 1880.
	Vacancy		
	Vacancy		
VI.	E. D. Jeffries	Present for duty	Sept. 14, 1877.
	L. D. Sisler	Honorably discharged	Oct. 17, 1879.
	Jas. H. Stewart	Present for duty	Sept. 20, 1878.
	John E. Musgrave	Present for duty	April 11, 1879.
	John L. Johnston	Present for duty	April 11, 1879.
	Vacancy		
VII.	Bruce L. Keenan	Present for duty	March 30, 1877.
	Smith Hood	Honorably discharged	Nov. 21, 1879.
	†C. T. Gregg	Dropped from roll	March 12, 1880.
	Chas. H. Donally	Present for duty	Sept. 12, 1879.
	W. H Ramsey	Present for duty	March 31, 1880.
	Vacancy		
	Vacancy		
VIII.	*J. C. Williard	Dropped from roll	March 31, 1880.
	George C. Baker	Present for duty	March 8, 1878.
	*G. M. Chidester	Dropped from roll	March 31, 1880.
	D. C. Gatewood	Present for duty	March 28, 1879.
	Benj. Brown	Present for duty	Sept. 12, 1879.
	Wm. T. Bland	Present for duty	Oct. 10, 1879.
	†M. E. Cowan	Dropped from roll	March 12, 1880.
	Vacancy		

*Failed to return books received as Cadet. †Failed to attain the standard required of Cadets.

ROSTER OF STATE CADETS—Continued

No. of District.	Name.	Remarks.	When Enlisted or Discharged.
IX.	George M. Kelly	Honorably discharged	Feb. 13, 1880.
	Thos. E. Hodges	Present for duty	Sept. 14, 1877.
	†D. K. Reed	Dropped from roll	March 12, 1880.
	H. Yokum	Discharged	Jan. 14, 1880.
	D. U. O'Brien	Present for duty	Sept. 19, 1879.
	Vacancy,		
	Vacancy		
	Vacancy		
X.	C. O. O'D. Henry	Discharged	Jan. 14, 1880.
	David H. Courtney	Present for duty	Sept. 14, 1877.
	Jas. H. Lawhead	Present for duty	Sept. 12, 1879.
	E. W. McMillen	Present for duty	Sept. 26, 1879.
	I. G. Lazzell	Present for duty	Jan. 9, 1880.
	Robert W. Tapp	Present for duty	March 31, 1880.
XI.	Thos. C. Blackiston	Honorably discharged	March 31, 1880.
	Paul H. Nefflen	Present for duty	Sept. 20, 1878.
	John Patton	Present for duty	Oct. 25, 1878.
	Henry C. Conley	Present for duty	Sept. 12, 1879.
	J. W. Hartigan	Present for duty	Sept. 12, 1879.
	Vacancy		
XII.	J. N. Marsh	Present for duty	March 29, 1876.
	G. L. Blackford	Honorably discharged	March 31, 1880.
	R. P. Camden	Discharged	Jan. 14, 1880.
	L. H. Vance	Discharged	Feb. 13, 1880.
	Robert M. Bailey	Present for duty	March 31, 1880.
	Vacancy		
	Vacancy		
	Vacancy		

†Failed to attain the standard required of Cadets.

VOLUNTEER CADETS.

Name.	Remarks.	When Enlisted or Discharged.
George A. Pearre, Jr.	Present for duty	Sept. 14, 1877.
J. G. Pearre	Present for duty	Sept. 14, 1877.
F. M. Purnell	Present for duty	Oct. 15, 1878.
L. M. Berkeley	Present for duty	Sept. 19, 1879.
D. F. Everett	Present for duty	Sept. 19, 1879.
C. N. Cooper	Present for duty	Sept. 19, 1879.
J. H. Windon	Present for duty	Sept. 19, 1879.
S. P. Wells, Jr.	Present for duty	Sept. 19, 1879.
N. G. Hurst	Present for duty	Sept. 19, 1879.

DISTINGUISHED CADETS, 1878-9.*

NAME.	MILITARY.	COURSE.
C. E. Grafton	Military	Scientific.
B. L. Keenan	Military	Scientific.
J. N. Marsh		Classical.
G. A. Pearre, Jr.	Military	Classical.
E. P. Chancellor, Jr.	Military	Classical.
A. L. Cox	Military	Scientific.
J. L. Glasscock	Military	Classical.
C. O. O'D. Henry	Military	
T. E. Hodges	Military	Classical.
W. M. Hyland	Military	Classical.
W. H. Seamon	Military	Scientific.
T. C. Blackiston	Military	
G. L. Blackford	Military	Classical.
H. S. Freeman	Military	
Oscar Jenkins	Military	
G. C. Lewis	Military	
H. N. Ogden		Classical.
J. G. Pearre	Military	
A. J. Smith	Military	Classical.
Camden Sommers	Military	Scientific.
E. D. Jeffries		Classical.
G. C. Baker	Military	
H. S. Basnett		Preparatory.
G. K. Gambrill	Military	
P. H. Neffen	Military	Preparatory.
J. M. Devine	Military	
Smith Hood		Preparatory.
F. M. Purnell	Military	
L. D. Sisler	Military	
J. H. Stewart	Military	Preparatory.
S. G. Cargill	Military	
W. H. Heaton	Military	
F. K. Meeks	Military	

*In accordance with the custom established, the above Cadets are reported as distinguished in the departments opposite their names, by reason of having attained a yearly average of 9 and upwards on a scale of 10.

Vocal Music.

D. B. PURINTON, A. M., Instructor.

Some years ago, the Regents added Vocal Music to the Studies of the University. It is open, free of charge, to the students of all departments alike. The course of instruction embraces one year, as follows:

Fall Term—Rudiments and Elementary Practice.

Winter Term—Rudiments continued. Glee and Chorus Singing.

Spring Term—Lectures on Harmony and Composition, Chorus Singing, Review, &c.

STUDENTS.

Anderson, W. F.
Bland, W. T.
Boyd, T. R.
Boyers, L. M.
Casteel, D. E.
Courtney, D. H.
Devine, J. M.
Edwards, J. H.
Gatewood, D. C.
Gregg, C. T.
Henry, C. O.
Hodges, T. E.
Hough, W.
Hyland, W. M.
Jeffries, E. D.
Johnston, J. L.
Keenan, B. L.
Kelly, S. C.
Kelly, G. M.
Marsh, J. N.
Musgrave, J. E.
Pearre, J. G.
Ramsey, W. H.
Snodgrass, C. N.
Stewart, J. H.
Waters, A. A.
Williams, L. J.

Course of Study.

The instruction thus far provided for in the University is embraced in six departments, viz: The Classical, Scientific, Agricultural, Engineering, Military: and for those desiring to qualify themselves for regular admission to any of these, a Preparatory Department. No study has been dropped from any of these Departments, but the method of stating what is required in each, has been simplified in the present Catalogue.

I.

Classical Department.

The studies in this Department, required for the Degree of Bachelor of Arts, are as follows:

FRESHMAN YEAR.

FIRST TERM.

Virgil—Bucolics and Georgics; Prose Composition, Gildersleeve s Grammar and Exercise Book.
Herodotus; Greek Prose Composition and Greek Grammar.
Universal History—Anderson.
Universal Algebra—Robinson.
Elocution.

SECOND TERM.

Horace—Odes and Epodes; Latin Prose Composition (continued).
Homer—Iliad; Greek Prose Composition (continued).
English Literature—Tyler's, Morley.
Geometry (completed); Solid and Plane Trigonometry (commenced).
Elocution.

THIRD TERM.

Cicero—De Senectute and De Amicitia; Exercises in Latin Prose Composition.
Homer—Odyssey; Prose Composition.
Constitution of the United States and of West Virginia.
Plane Trigonometry (completed); Spherial Geometry and Trigonometry.
Elocution.

SOPHOMORE YEAR.

FIRST TERM.

Xenophon—Memorabilia; Exercises in Greek Composition
Rhetoric—Hill.
Mensuration: Surveying: Navigation.
Chemistry, Inorganic—Eliot and Storer.
Elocution.

SECOND TERM

Horace—Satires and Epistles; Exercises in Latin Composition
English Philology.
Analytical Geometry and Differential Calculus—Loomis.
Chemistry—Organic.
Elocution.

THIRD TERM.

Livy—Lincoln; Exercises in Latin Composition.
Plato—Crito and Apology; Exercises in Greek Composition.
Botany—Gray.
Integral Calculus—Loomis. (Optional).
Elocution.

JUNIOR YEAR.

FIRST TERM.

Euripides' Alcestis; or French.
Mental Philosophy; The Intellect—Haven and Lectures.
Physics, General Principles—Solids and Fluids.
Physical Geography (Guyot).

SECOND TERM.

Tacitus—Germania and Agricola: Latin Composition; or French.
Mental Philosophy; The Sensibilities and the Will—Haven and Lectures.
Physics—Pneumatics, Acoustics and Optics
Zoology—Nicholson.

THIRD TERM.

Demosthenes on the Crown, with Written Exercises; or French.
Logic—Coppee.
Human Anatomy and Physiology—Draper.

SENIOR YEAR.

FIRST TERM.

Cicero—De Officiis; with Written Exercises on Historical Subjects; or German.
Moral Philosophy—Wayland.
History of Civilization—Guizot.
Geology, Lithological, Dynamical and Historical—LeConte, with Geological Excursions.

SECOND TERM.

Sophocles—Œdipus Tyrannus; or German.
Elements of Criticism—Lord Kames.
Astronomy—Newcomb.
International Law—Woolsey.

THIRD TERM,

Political Economy—Chapin's, Wayland.
Tacitus—Annals: or German.
Astronomy (completed).
Christian Evidences: Lectures by the President.

If, in this Department, the student selects the French or German instead of the Latin or Greek, he shall be required to study them respectively, during three successive terms, and such selection must be made at the beginning of the Junior or Senior Year. The text books for the Junior Year are the same as those of the Scientific Freshman, and for the Senior Year, the same as Junior Scientific.

II.

Scientific Department.

The studies in this Department required for the Degree of Bachelor of Science are the following:

FRESHMAN YEAR.

FIRST TERM.

University Algebra—Robinson.
French—Languellier and Monsanto's French Course.
Universal History—Anderson.
Chemistry (Inorganic)—Eliot and Storer.
Elocution.

SECOND TERM.

Geometry (completed), Solid and Plane Trigonometry (commenced).
French—French Course (continued); French Reader.
English Literature—Tyler's, Morley.
Chemistry (Organic).
Elocution.

THIRD TERM.

Plane Trigonometry (completed)—Spherial Geometry and Trigonometry.
French—French Course (completed); Telemaque (Surenne's).
Constitution of the United States and of West Virginia.
Botany—Gray's School and Field Book.
Elocution.

SOPHOMORE YEAR.

FIRST TERM.

Mensuration: Surveying and Navigation—Robinson.
French—Voltaire, Charles XII, French Grammar and Exercises.
Rhetoric—Hill.
Physics—General Principles—Solids and Fluids.
Elocution.

SECOND TERM.

Analytical Geometry, and Differential Calculus—Loomis.
French, Classical Plays—Joynes; Grammar and Exercises.
Chemical Analysis.
Physics—Undulations, Acoustics, Optics, Problems.
Elocution.

THIRD TERM.

Agriculture.
Integral Calculus—Loomis.
French (Optional)—Pylodet's Classical Literature.
Chemical Analysis.
Elocution.

JUNIOR YEAR.

FIRST TERM.

Meteorology.
German—Woodbury's Complete Course.
Mental Philosophy, The Intellect—Haven and Lectures.
Physical Geography—Guyot.

SECOND TERM.

Analytical Mechanics—Peck.
German—Grammar (continued); German Reader.
Zoology—Nicholson.
Mental Philosophy—The Sensibilities and the Will—Haven and Lectures.

THIRD TERM.

Mineralogy—Dana's Manual.
German—Grammar and Free Exercises; Schiller's Jungfrau or Maria Stuart.
Logic—Coppee.
Human Anatomy and Physiology—Draper.

SENIOR YEAR.

FIRST TERM.

Moral Philosophy—Wayland.
German—Goethe's Iphigenia in Tauris, or Egmont; Grammar and Exercises.
History of Civilization—Guizot.
Geology—Lithological, Dynamical and Historical—LeConte, with Geological Excursions.

SECOND TERM.

International Law—Woolsey.
German—Fouque's Undine; Grammar and Exercises.
Elements of Criticism—Lord Kames.
Astronomy—Descriptive and Physical.

THIRD TERM.

Evidences of Christianity—Lectures by the President.
Political Economy—Chapin's, Wayland.
German—(Optional)—Evans' German Literature; Grammar and Exercises.
Practical Astronomy—Calculation and Construction of Eclipses, verified by the Nautical Almanac.
Geology—LeConte.

III.

Department of Engineering.

The studies in this Department for the first, second and third years are the same as in the Scientific Course. For the Senior year they are as follows:

FIRST TERM.

Civil Engineering—Mahan.
Moral Philosophy—Wayland.
Physical Geography—Guyot.
Geology—Lithological, Historical and Dynamical—LeConte, with Geological Excursions.

SECOND TERM.

Military Engineering—Mahan.
Astronomy—Descriptive and Physical.
International Law—Woolsey.
Elements of Criticism—Kames.

THIRD TERM.

Gillespie on Location, Construction and Improvement of Roads and Railroads.
Astronomy—Practical.
Evidences of Christianity: Lectures by the President.

The studies of the Modern Languages are the same as in the Scientific Course.

In addition to the text books prescribed to the Students of Modern Languages, they are required to read a prescribed Course of Literature and write exercises, both by dictation and translation, in French and German.

IV.

MILITARY DEPARTMENT.

In addition to the daily drills as Infantry or Artillery, the Cadets are theoretically instructed in Military Science, as follows:

FIRST YEAR

FIRST TERM—Infantry Tactics; School of the Soldier; School of the Company.
SECOND TERM—Instruction for Skirmishers; Battalion Drill.
THIRD TERM—Brigade Drill; Military Signaling—(Myer's).

SECOND YEAR

FIRST TERM—Cavalry Tactics.
SECOND TERM—Military History.
THIRD TERM—Artillery Tactics.

THIRD YEAR.

FIRST TERM—Artillery Tactics, (concluded).
SECOND TERM—Military Engineering (Ernst's); Field Fortifications (Mahan's).
THIRD TERM—Advance Guard and Outpost Duty—(Mahan's).

FOURTH YEAR.

FIRST TERM—Strategy and Art of War.
SECOND TERM—Ordnance and Gunnery—(Benton's).
THIRD TERM—Military Law and Courts Martial—(Benits').

Dress Parades, Reviews, Inspections, and Guard Mountings, are held as often as deemed expedient throughout the entire course.

The other studies in this Department, are those of the Classical or the Scientific Departments respectively.

V.

AGRICULTURAL DEPARTMENT.

The studies in this Department are, at present, embraced in a two years, course. Students having creditably completed this course, will be entitled to receive a certificate to that effect.

FIRST YEAR.

FIRST TERM.

Inorganic Chemistry.
Physics—Solids and Fluids.
General History.
French or German (Optional).

SECOND TERM.

Organic Chemistry; Zoology.
English Literature.
French or German (Optional).

THIRD TERM.

Botany and Vegetable Physiology.
Heat, Magnetism and Electricity.
Plane Trigonometry.
Constitution of the United States and of West Virginia.

SECOND YEAR.

FIRST TERM.

Analytical Chemistry, Geology, Meteorology.
Chain and Compass Surveying.

SECOND TERM.

Analysis of Soils: Entomology.
Astronomy.
French or German (Optional).

THIRD TERM.

Allen's Farm Book.
Gillespie, on Roads and Road Making.
Political Economy.
Evidences of Christianity: Lectures by the President.

The Subjects for Lectures during the Course, are the following:

FIRST YEAR.

FIRST TERM.

The Chemistry, Structure and Physiology of Plants.
On the Water, Atmosphere and Soil, as Related to Vegetables.
On Tillage, Draining and Manuring.

SECOND TERM.

On Domestic Animals and their Digestion, Respiration, Assimilation and Excretion.
On the Composition, Preparation and Value of Different Kinds of Food.
On Milk, Butter, Cheese, Flesh and Wool, as Agricultural Products.

THIRD TERM.

On Horticultural and Kitchen Gardening.
On the Propagation, Training and Culture of Fruit Trees, the Vine, Small Fruits and Vegetables.

SECOND YEAR.

FIRST TERM.

On the Staple Grain, Forage, Root and Fibre Crops of this and adjoining States, and their Varieties, and the Best Soils Adapted for Them.
On the Preparation of Soil, Seeding, Cultivating, Harvesting and Preparing for Market.
On the Origin and Natural History of Domestic Animals.
On Entomology, and the Insects Useful and Hurtful to Vegetation.

SECOND TERM.

On the Raising, Care, Characteristics and Adaptation of Different Breeds of Domestic Animals.
On Cattle for Beef or Draft, and Sheep for Wool or Mutton.
On Horses, Swine and Poultry.
On Pasturing, Soiling and Stall Feeding.
On Tobacco, Hops and Forestry.

THIRD TERM.

On Rural Economy.
On the History of Agriculture, with sketches of the same in Ancient and Modern Times: and in Foreign Lands.
On the Adaptation of Farming to the Soil, Climate, Market and other Natural and Economical Conditions.
On the Different Systems of Husbandry, such as Stock, Sheep, Grain and Mixed Farming.

LAW DEPARTMENT.

MATRICULATION FEE $10.

The full course will embrace Common and Statute Law, Mercantile Law, Equity and Evidence, and Constitutional and International Law.

The text-books used in the course of Common and Statute Law will be Blackstone's Commentaries, Stephen on Pleading 4th Volume of Kent's Commentaries (Real Property), and for *reference* the Code of West Virginia and the subsequent Acts of the West Virginia Legislature.

In the branch of Equity, Evidence and Mercantile Law, the books will be Adams's Equity, the 1st Volume of Greenleaf on Evidence and Smith's Mercantile Law.

These text-books will be supplemented by at least four lectures each week, and it will be the endeavor so to incorporate into these lectures the statutory changes in the Common Law as to render it unnecessary for students from other States to incur the expense of purchasing the West Virginia Code and subsequent statutes.

The text-book used in Constitutional Law will be the "Federalist." This, however, will be supplemented by lectures upon our Constitutional

History from the Colonial period, through the Continental and Confederation eras successively to the adoption of our present Constitution in 1788. The Constitution itself, and those decisions of the Supreme Court of the United States interpreting its provisions will also be the subject of lectures.

The text-book used in International Law will be Woolsey's Introduction to the Study of International Law. Each day before the lecture there will be an oral examination on the subject of the lecture of the preceding day, and of such portions of the text-book as were the subject of the lecture. Besides the daily examinations there will be two general examinations. One of these will be held in the latter part of February, and the other in the last of May. The intermediate one in February will embrace that part of the course which was gone over up to that time, and the final one that part which was passed over from February to May. They will both be conducted in writing, and the questions will have numerical values attached to each. Certificates of distinction will be awarded at the end of the session to those students whose answers in the general examination shall aggregate three-fourths of the aggregate values attached to the questions, and whose answers in the daily oral examinations shall have been uniformly good. Care will be taken that these certificates shall be awarded only to those who have been habitually studious, and have made steady progress in the acquisition of the fundamental principles of their profession.

It is believed that the holder of one of these certificates will have no trouble in passing an examination by the Judges for admission to the Bar of any State in the Union.

As the Common and Statute Law, Equity, Evidence and Mercantile Law will constitute that portion of the whole course for which the practitioner will have daily use, the certificates will be given for proficiency in those branches only.

Constitutional and International Law are parts of the regular curriculum, and students attending the University for the purpose of becoming practitioners will not be required to take the Constitutional and International Course.

MEDICAL DEPARTMENT.

The Board of Regents, at its annual meeting in June, 1878, established a Chair of Anatomy, Physiology and Hygiene, and elected as Professor in this Department, HUGH W. BROCK, M D., of Morgantown, whose Course of Instruction, it was enacted, should occupy two of the three terms of the University year.

This chair was designed by the Board to teach the Students of the University a more accurate and thorough knowledge of the structure and organization of the human body and of the laws of health than is ordinarily taught in the usual college courses.

It was designed also to serve as a *nucleus* around which, it is hoped, a fully organized Medical Department, in connection with the University, will at no distant day be established.

Pursuant to this action of the Board, Dr. Brock entered upon his duties at the beginning of the Spring term of 1879, since which time he has lectured on Anatomy, Physiology and Hygiene, illustrating his oral instruction by diagrams upon the blackboard, by Anatomical plates, by Anatomical preparations wet and dry, and by dissections upon the dead body made by himself either in the presence of the class or immediately before each lecture. Endeavoring to carry out the object of the Board, he has, in addition to his lectures upon Descriptive Anatomy, taught much of Morbid and Surgical Anatomy, explaining the different forms of disease to which each organ is liable, demonstrating upon this subject the various important Surgical Regions of the body, and, in connection therewith performing upon the cadaver, in presence of the class, most of the recognized operations in Surgery, such as lithotomy, herniotomy, tracheotomy, division of tendons for the relief of strabismus and clubfoot, amputations, resections, ligation of arteries, &c.

Minute Anatomy has been taught by the use of the microscope.

The Anatomical elements of the solid tissues and fluids of the body, as also many interesting and beautiful physiological phenomena such as the circulations of the blood in the frog's foot and ciliary motion as exhibited by the spermatazoa, epithelium from the frog's mouth, the Fresh Water Mussel and many different forms of Infusoria have been shown the class under the microscope.

In cases where it was practicable to do so patients from private practice have been brought before the class, examined and prescribed for and clinical lectures delivered upon the diseases with which the patients were afflicted. Several important Surgical operations upon private patients have been performed before the class.

The method of examining the urine and other fluids of the body in a state of disease as well as of health have been taught, chemically and microscopically.

In the lectures upon Physiology and Hygiene the means of preserving each organ and the body as a whole in a state of health have been impressed upon the mind of the student.

The interest taken by the members of the class in the studies of this Department of the University, as manifested by their punctual attendance upon and close attention to the lectures, and also by their evident comprehension of the instruction imparted, as evinced by the daily examinations to which they are subjected upon the topics of the previous lecture, has been highly gratifying to their Instructor and has fully vindicated the wisdom of the Board of Regents in establishing this Department of the University.

The class composing the Medical Department is made up as follows:

First—Of Members of the Junior Class who are required to take Anatomy and Physiology, in course, during the Junior Year.

Secondly—Of such State Cadets as elect to take the Course in this Department and who are recommended by the Faculty as qualified by preparatory study to do so.

Thirdly—Of Medical Students, proper, whether or not they be students in any other Department of the University.

Neither Juniors nor Cadets are required to pay any additional fee to that already paid as regular students of the University.

All others are required to pay a fee of ten dollars for admission to the Lectures.

The same course of Instruction given during the present year will be given during the Spring Term of the University Year of 1880–81.

For such Students of Medicine who, on account of limited means or time, are not prepared to take a full College Course but who desire to take, in connection with Medicine, studies in other departments of the University which are germane to and essentially necessary to an intelligent study of Medicine as a Science, for example, an Elementary Course in Latin and Greek and a Course in Chemistry, special and favorable provision will be made.

SCHEDULE OF DAILY RECITATIONS.

FIRST TERM.

	Class.	First Hour.	Second Hour.	Third Hour.	Fourth Hour.	Fifth Hour.
Classical.	Senior	Geology.	Moral Science.	Civilization.	Latin or German.	
	Junior	French or Greek.	Physical Geography.	Mental Philosophy.	Physics.	
	Sophomore	Rhetoric.	Surveying.	Chemistry.	Greek.	Elocution.
	Freshman	Greek.	History.	Latin.	Algebra.	Elocution.
Scientific.	Senior	Geology.	Moral Science.	Civilization.		German.
	Junior	Meterology.	Physical Geography.	Mental Philosophy.	German.	
	Sophomore	Rhetoric.	Surveying.	French.	Physics.	Elocution.
	Freshman	French.	History.	Chemistry.	Algebra.	Elocution.

SECOND TERM

Classical.	Senior	International Law.	Astronomy.	Greek or German.	Elements of Criticism.	
	Junior	French or Latin.	Mental Philosophy.	Physics.	Zoology.	
	Sophomore	English Philology.	Analytical Geometry.	Latin.	Chemistry.	Elocution.
	Freshman	Greek.	English Literature.	Geometry.	Latin.	Elocution.
Scientific.	Senior	International Law.	Astronomy.		Elements of Criticism.	German.
	Junior	Analytical Mechanics.	Mental Philosophy.	German.	Zoology.	
	Sophomore	Chemical Analysis.	Analytical Geometry.	Physics.	French.	Elocution.
	Freshman	French.	English Literature.	Geometry	Chemistry.	Elocution.

THIRD TERM.

Classical.	Senior	Ev Christianity.	Astronomy.	Latin or German.	Political Economy	
	Junior	Logic.	Greek or French.		Anatomy.	
	Sophomore	Botany.	Calculus (opt.)	Latin.	Greek.	Elocution.
	Freshman	Latin.	Greek.	Constitution.	Trigonometry.	Elocution.
Scientific.	Senior	Ev. Christianity.	Astronomy.	Geology.	Political Economy.	
	Junior	Logic.	Mineralogy.	German.	Anatomy.	
	Sophomore	Chem. Analysis.	Calculus.		Agriculture.	Elocution.
	Freshman	Botany.	French.	Constitution.	Trigonometry.	Elocution.

Preparatory Department.

JUNIOR YEAR.

FIRST TERM.

Geography—Guyot's Common School; Map Drawing.
Arithmetic—Stoddard's Complete.
English Grammar—Etymology.
Latin (commenced).

SECOND TERM.

Geography—Guyot's (continued); Map Drawing.
Arithmetic (continued).
English Grammar—Syntax.
Latin—Grammar and Reader.

THIRD TERM.

Arithmetic (completed).
English Grammar—Analysis of Sentences.
Latin—Grammar and Readers.
Greek—Bullion's First Lessons.

SENIOR YEAR.

FIRST TERM.

Algebra—Robinson's Elementary, to Involution.
Book-keeping.
Cæsar (two books)—Latin Grammar.
Greek—Grammar and Reader.

SECOND TERM.

Algebra—Robinson's Elementary (completed).
History of the United States—Anderson's.
Cicero's Orations (three orations)—Bullion's Latin Grammar.
Greek—Grammar and Reader.

THIRD TERM.

Geometry—Robinson (first four books).
History of the United States (completed).
Virgil—Three Books of Æneid; Latin Grammar.
Xenophon's Anabasis (two books); Greek Grammar.

Regular lessons in Writing, Spelling, Elocution and English Composition from beginning.

The course preparatory to the Scientfiic, the Engineering and the Military Departments is the same as the above with the substitution of Citizens' Manual,

Physiology, Natural Philosophy and Stoddard's Mental Arithmetic, each one term respectively, for the studies of Greek.

The studies preparatory to the Agricultural Department are as follows:

First Term—Algebra; Arithmetic; Grammar; Geography.

Second Term—Algebra; Arithmetic; Grammar; History U. S.

Third Term—Geometry; Arithmetic; Grammar; History U. S.

SCHEDULE OF DAILY RECITATIONS.

PREPARATORY DEPARTMENT.

FIRST TERM.

YEAR.	FIRST HOUR.	SECOND HOUR.	THIRD HOUR.	FOURTH HOUR.	FIFTH HOUR.
Senior Year	Algebra.	Greek Reader or Physiology.	Cæsar.	Book-keeping.	
Junior Year	Geography.	English Grammar 1st. English Grammar 2d.	Latin Lessons. Latin Lessons.	Arithmetic.	Reading or Writing.

SECOND TERM.

Senior Year	Algebra.	Cicero.	Greek Reader or Natural Philosophy.	History U. S.	
Junior Year	Geography.	Latin Reader. Latin Reader.	Arithmetic.	English Grammar.	Reading or Writing.

THIRD TERM.

Senior Year	History U. S.	Anabasis or Stoddard's Mental Arithmetic.	Virgil.	Geometry.	
Junior Year	Arithmetic.	Greek Lessons or Citizen's Manual.	Latin Reader. Latin Reader.	English Grammar.	Reading or Writing.

General Remarks.

FOUNDATION OF THE UNIVERSITY.

The West Virginia University owes its existence to the combined bounty of the United States Government, the Legislature of West Virginia, and the citizens of Morgantown. On the 2d of July, 1862, the United States Congress passed an act granting public lands to the several States and territories which should provide Schools for the promotion of Agriculture and Mechanic Arts. Under this act, thirty thousand acres for each of its Senators and Representatives in Congress were appropriated to this State. The proceeds of the sale of these Congressional lands amounted to $90.000.

The Constitution of West Virginia makes it the duty of the Legislature to "foster and encourage Moral, Intellectual, Scientific and Agricultural improvements; and to make provision for the organization of such institutions of learning as the best interests of general education may demand." The National gift was, therefore, accepted by the Legislature, and a Board appointed to organize the Institution, with instruction to "establish Departments of Education in Literature, Science, Art, Agriculture, and Military Tactics—including a Preparatory Department."

The Legislature, realizing the value of such an Institution, its priceless worth to the State and Nation, its indispensable necessity to the new mountain Commonwealth, and in pursuance of its constitutional duty, has increased endowment to about $110,000, with annual appropriations for current and contingent expenses. As no part of the Congressional grant can be applied to the erection of buildings (one-tenth only being allowed for the purchase of an experimental farm), the Legislature has also made provision for the supply and keeping in order of such buildings as the growth of the Institution may, from time to time, demand. Every interest of West Virginia requires that she furnish her sons the best possible educational advantages within her own borders. For the development of West Virginia resources, it is necessary that West Virginia brain should be educated on West Virginia soil.

The citizens of Morgantown, long noted for their generosity and keen appreciation of educational advantages, contributed in grounds, buildings and money, about $50,000.

The University stands, therefore, in important relations to Nation and State, and is bound to the sacred performance of all duties growing out of these relations.

NAME AND GOVERNMENT.

At the beginning, in common with some other National Colleges, it was simply called the "Agricultural College" Having been, however, fully adopted by the State, and the means originally supplied to aid in its establishment being further supplemented by the Legislature, an act was passed, pursuant to the recommendation of the Governor, ordering that it should thereafter be known by the style and designation of "WEST VIRGINIA UNIVERSITY." It is under the immediate oversight of a Board of twelve Regents, one from each Senatorial district, appointed by the Governor, and required to report biennially, through the Governor to the Legislature. The bitterness of partisan and sectarian disputes is excluded from its halls and every effort made to secure to each student the full advantage of a broad and manly culture.

SCOPE.

This is entirely in accord with the original design of the institution, as seen in the first paragraph of these "General Remarks." The act of Congress contemplated the founding of institutions that would furnish not only "*practical*" but also "*liberal* education"—education "in the several *pursuits*," and just as certainly "in the several *professions*," of life. It forbids the exclusion of "classical studies," and requires attention to Agricultural, and Mechanical Education, Military Tactics, etc. The act of the Legislature contemplated a school of general instruction, and directed the Board to organize several distinct departments as above enumerated, in the interest of the *people* of the State and of the Nation.

We trust that in the extent and in the quality of its work, and thoroughness of its discipline and culture, as well as adaptation to the demands of the age, the UNIVERSITY will prove itself deserving of no second rate position among the institutions of our land. It designs, by its instruction in Literature and Art; in Language, ancient and modern; in Mathematics, pure and applied; in the Sciences, agricultural, physical, mental, moral and social; by its recitations, lectures, examinations and elevating influences, to educate, inform and discipline the student's mind; to strengthen his moral principles, and supply such general and generous, as well as special, culture as will best prepare him for success and usefulness in any pursuit or profession in life.

OPPORTUNITIES AFFORDED.

The work which the University is accomplishing can be readily under-

stood from the Courses of Study prescribed in each of the department as already set forth.

We call special attention, however, to some features of the following Department, viz:

LAW AND MEDICINE.

The Board of Regents at their meeting in June, 1878, took the first step toward the creation of Departments of Law and Medicine in the University. A Chair of Law and Equity was established, and Hon. D. B. Lucas of Jefferson county, was elected to fill the same. Mr. Lucas having signified his declination, the Executive Committee, upon the proper recommendation, elected Mr. St. George Tucker Brooke, of Jefferson county, to fill the vacancy. Mr. Brooke's lectures during the current year have demonstrated his capacity and fitness for the Professorship he fills, and the authorities of the University entertain the confident hope that the School of Law will soon be one of its most attractive features

The Board of Regents elected Hugh W. Brock, M. D., to the Chair of Anatomy, Physiology and Hygiene. Dr. Brock brings to the discharge of his duties great natural aptitude, long experience and professional study in the medical profession. His lectures during the Spring term of 1879, were highly instructive and deservedly popular. These two Departments supply a long felt need in the University, and will greatly increase the number of students, as well as elevate the character of the school.

THE AGRICULTURAL.

Young men who desire to study only such branches as will enable the Farmer to pursue his calling with intelligence and profit will here find, at small expense of time and means, all they need in the way of a sound, practical education. They are not required to study any language but their own, nor go in mathematics farther than land surveying. Those deficient in elementary studies must spend at least one year in Preparatory studies before entering this department.

THE MILITARY.

The law provides that five Cadets may be appointed for each Senatorial District in the State. These are educated free of cost for tuition, books, stationery, &c. For such as desire a military and engineering education, this department is provided. Cadets, however, are not limited to this, but may pursue their studies in any department of the University, subject to the general regulations laid down in the Code for the Cadets. Other students are permitted to drill, on condition that they provide themselves with the neat and becoming uniform of the Corps Drill occupies one hour on each of four days in the week. The United States Government liberally furnishes the special supplies required for this department. These are of the latest and most improved construction.

Applicants for admission to the Corps should address the Regent of the Senatorial District in which they reside, stating age, attainments, giving reference as to character, etc. Applicants must be between sixteen and twenty one years of age. The members of the Cadet Corps are generally esteemed among the best scholars in the University.

THE PREPARATORY.

Comparatively few of our young men in West Virginia have home advantages for properly and fully preparing themselves to enter upon regular College studies. This department has proved a fruitful source of supply for the higher classes, and also the means of maintaining an elevated grade of preliminary scholarship for admission to them. As the High Schools, Academies and Graded Schools of the State increase in number and efficiency, in the same proportion will the necessity of this Department diminish. Meanwhile, and until their increase and fuller development, it cannot be dispensed with without lowering the standard of Collegiate Study proper, or shutting out from the advantages of the Institution many of the best and most promising young men of the State.

Nowhere else can young men be better prepared for advanced studies, or, if this is not contemplated, accomplish more thoroughly and advantageously such studies as are here provided.

Those who do not contemplate a full course, can also here be furnished with instruction in such preparatory studies as they may desire to pursue.

An Optional Course is allowed those students whose special tastes or necessities prevent them from graduating in any of the regular Departments. Parents and guardians of students who expect to attend the University are, however, earnestly advised to direct their studies with a view to entering one of the regular Departments. The attention of those who teach in our intermediate schools is also respectfully invited to this suggestion.

During the Spring term of each year (beginning on the second Wednesday of March), unusual facilities are provided for all who may desire, either to take a short and limited course, or to fit themselves for the higher grades of teaching, clerking, or other *specialties*. All needed assistance in this work being rendered by the several Professors of the University, superior advantages are thus afforded to all comers.

NORMAL INSTRUCTION.

When desired, classes are formed in the Theory and Practice of Teaching, under the charge of an able and experienced instructor. Lectures are from time to time delivered before the class by the several members of the Faculty. The daily contact of the students in the class-room with their teachers, observing their methods and studying their plans, affords fine opportunities in this department of instruction. Nowhere in the State are afforded better facilities for practical Normal drill. The graduates of the University have been remarkably successful in securing desirable positions as teachers, and have in almost every instance fully satisfied their employers, retaining their positions as long as they desired them. The Faculty of the University cheerfully render their assistance to capable students and graduates desiring positions as teachers

REQUISITES FOR ADMISSION.

I. All candidates for admission to any department of the University must present satisfactory evidence of good moral character.

II. Students coming from other Colleges must produce certificates of honorable dismission from the same. No person shall be admitted into the Senior Class after the beginning of the University year.

III. Those entering as Students for a Degree in any department of the University, must sustain an examination in the various studies of the Preparatory School of the University, or their equivalent.

IV. Candidates for advanced standing must sustain an examination in the previous studies of the department which they desire to enter.

V. The regular examination for admission of candidates, who have not pursued the preliminary studies in the Preparatory Schools of the University, will take place on Friday, succeeding Commencement, and on the first day of the first term.

VI. Candidates should procure a copy of the printed laws of the University, also the Treasurer's receipt for tuition before presenting themselves for enrollment.

VII. Applicants for admission to the Preparatory Department must stand an approved examination in spelling, reading, writing, modern geography, elements of English grammar, arithmetic through common fractions.

VIII. Students are required to pronounce Greek and Latin according to the so-called Continental method.

EXAMINATIONS.

I. Each student, at the close of the Term, shall stand a public written examination upon all the studies which he has pursued during that Term. No student shall be excused for non-attendance on such examinations, except upon presentation of a reason which may be considered valid by the Faculty. No student who may be absent, and not thus excused shall be allowed to continue in connection with the University. If at the close of any Term a student shall have failed to attain a standing of six, on a scale of ten, owing to a failure in examination, he shall be informed of the fact, and he may be allowed to stand a special examination under the same committee at any time before the beginning of the next College year.

II. The examination of each class shall be conducted by a committee composed of three members of the Faculty, who shall, within three days next preceding the examination, select a series of questions, not less than nine nor more than fifteen, in number, and submit the same in writing to the class at the time of examination.

III. After examination the committee shall examine the papers and determine the standing made by each student in examination, which shall be considered the equivalent of one month's standing in recitation.

IV. Before a student shall be entitled to enter a higher class he shall, on a scale of ten, have attained a minimum standing of six in each study belonging to his class, which shall be determined by the average of his recitations and examinations.

V. Students who have not before been at the University should, on their arrival, report themselves to the President, and by him be assigned to such

department and studies as they may desire and be prepared to enter.' When a regular course of study is once adopted, the student is not allowed to vary from it, or change to another, without permission.

TUITION.

TUITION IN THE PREPARATORY DEPARTMENT. - - -	$5 00	per term.
" IN OTHER DEPARTMENTS - - - - - - - - -	8 00	"
CONTINGENT FEE IN PREPARATORY DEP'T - - - - -	2 00	"
" " " OTHER DEPARTMENTS - - - -	2 00	"

BOARDING AND EXPENSES.

THE UNIVERSITY HAS NO DORMITORIES. This is a matter both of necessity and policy; of necessity, because the State has not been able to furnish money to build dormitories; of policy, because it is thought better for the students to be distributed among the people of the University town, amenable to the common laws and sentiments of society. The public bounty stops at furnishing free instruction, leaving to private hands the providing of maintenance.

Three methods of boarding are practiced: (1) Self boarding, by individuals, or, more commonly, by small groups or colonies composed of members of the same family, or of neighboring families. Rooms are hired, and furniture, provisions and fuel are brought from home. When well managed, this is an excellent and very economical mode of living. From $1.00 to $1.50 a week per pupil may be set down as the cost. (2) Club boarding. This has been practiced for some time and is an excellent system. A company of young men rent a number of rooms or an entire house and then organize and operate a boarding club. The price of boarding in clubs varies from $1.50 to $2.25 per week, including rent of room. (3) Boarding in families. The difficulties formerly encountered in procuring suitable places for students desiring to board in families, have disappeared. Good boarding can be found at reasonable prices ranging from $2.50 to $3.00.

Incidental expenses depend on the habits of the student. The law prohibits students incurring debts at stores, groceries, &c., except on written order of parents, guardian or teacher. Unnecessary and lavish expenditures induce not only waste of time and means, but neglect of study and formation of bad habits.

The *necessary* expenses for the college year of forty-one weeks are less here than in any other place known to us, where the same quality of instructions and other equal advantages are furnished. *A young man of moderately economical habits need not spend more than* $175.00 *per year including board, room-rent, tuition, etc., and have every advantage afforded by the University.*

PRIZES.

THE REGENTS' PRIZES.—To the student who shall write the best essay upon a given subject, $25. To the student who shall be adjudged the best

declaimer, $15. These prizes to be awarded after public competition by a committee of citizens appointed by the Faculty.

These were awarded at the last contest as follows, viz:

Essay—Frank Cox	$25 00
Declamation—E. G. Yates	15 00

THE PRESIDENT'S PRIZES—In the annual contest of the Columbian and Parthenon Literary Societies, the President of the University offers the following prizes: To the successful Debater, $40; to the successful Orator, $25; to the successful Essayist, $25; to the successful Declaimer, $10. The prizes to be awarded by a committee chosen in such manner as the Literary Societies may prescribe.

DISCIPLINE.

The rules of the University require that every student shall be in his place at all stated exercises from the opening to the close of his connection with the University. A record is kept in which are entered the grade of scholarship of each student, his absence from the exercises of the institution, his tardiness, or failure in recitation, unless satisfactorily accounted for. An abstract of this record, is sent at the close of each term, to parents or guardians, so that they may see what and how their sons and wards are studying, and how they stand in scholarship and deportment. In case of negligence, irregularity, or other misconduct, the students will be privately admonished and the parent or guardian will be informed of the fact. Mere inattention to study will, if persisted in, insure dismissal from the University. No student is allowed to leave the precincts of the University during term time without special permission.

The attention of parents and guardians is especially called to the fact that all exercises begin promptly on the day stated in the calendar, and that it is essential to the best interest of the student and of his classmates that he be punctual in his place from the first day of the term till the last. No excuse will be accepted for absence unless such absence is unavoidable. It must be distinctly understood that students are allowed to enter only on condition that they comply with the rules of the University, and apply themselves punctually and without interruption to their prescribed studies. College duties once assumed require a student's full time, and no extra work taken up by himself or imposed by others, and no absence for the mere pleasure of the student or his friends can be allowed to interfere with those duties.

The government of the students proceeds upon an entirely Christian basis. Kindness, gentleness and trustfulness are relied upon: rather than sternness, impatience and suspicion. In such an atmosphere, all noble and manly qualities ripen, and students learn to demean themselves as Christian gentlemen. Students are encouraged and incited to form habits of economy, industry, self-reliance, truthfulness and purity, and thus to become a law unto themselves.

RELIGIOUS INSTRUCTIONS AND WORSHIP.

The exercises of each day are opened with reading the Scriptures, singing and prayer, at which all the students are required to be present. They are

also required, unless for sufficient reason excused, to attend regularly some place of religious worship on the Sabbath, and on all occasions to treat the institutions of religion with respect. The President of the University frequently preaches on Sunday afternoon in the chapel hall. The institution is entirely free from sectarian control or domination.

In the internal management and practical working of the institution, there is not now, and never has been, the slightest denominational friction.

LIBRARY.

A respectable beginning towards a University Library has been made. About five thousand volumes have been carefully selected and placed on its shelves, including, not only many choice and valuable books of reference, but also standard works in the various departments of History, Biography, Theology, Agriculture, Arts, Science and General Literature. During the past year, about one hundred and fifty volumes have been added by purchase to the Library, including a number of very valuable works on Literature and Science.

We respectfully request the friends of education to make contributions to its shelves. In addition to those hitherto granted, the following donations have been received during the year:

Rev. S. Hitchens—Twenty-three (miscellaneous) volumes.

Commonwealth of West Virginia—State Publications.

Department of the Interior—Ten vols. Public Documents.

Hon. Frank Hereford—Public Documents.

Hon. H. G. Davis—Public Documents.

Hon. B. F. Martin—Public Documents.

Daniel B. Lucas—The Maid of Northumberland.

Bureau of Navigation—American Ephemeris and Nautical Almanac for 1882, &c.

Nearly all the Weekly journals of the State, the Daily Wheeling *Register*, the Wheeling *Intelligencer*, and valuable religious papers of all leading religious denominations are gratuitously sent to the reading room of the University.

MUSEUM, APPARATUS, &c.

The University is in possession of apparatus requisite for thorough illustration of Chemistry and Physics.

Several valuable articles of apparatus have been obtained for the department of Astronomy and Physics, including a Smithsonian Barometer, by Greene, of New York; a Sextant, by Crichton, of London, and a Clock with Zinc Compensation, by E. Howard & Co., Boston. A seven-foot Telescope has been constructed by John Byrne, of New York. It is equatorially mounted with right ascension and declination circles, and is a first-class instrument in every respect.

The department of History has been furnished with a large map of the United States, and a fine set of Bretschneider and Spruner's Historical Wall Maps, ten in number, from the German publishing house of Jutus Perthes, of Gotha. Three of White's new Maps of West Virginia have also been provided for use in different departments of the University.

The Museum contains extensive Mineralogical, Geological and Conchological cabinets, together with many specimens in other departments of Natural History. We request all who are interested in such matters to send suitable specimens for the museum, especially Indian relics, shells, minerals, fossils and alcoholic specimens of animals. Such donations will be acknowledged and carefully labelled with the name of the donor. There are already over 2,000 specimens of minerals and fossils, and more than 2,500 of recent shells.

The vicinity of the University offers unrivalled advantages for the study of practical Geology. Especial attention is paid to this branch.

The laboratory of Practical Chemistry is in operation. The instruction for the present is devoted chiefly to analysis, with its application to agriculture.

DONATIONS TO THE MUSEUM DURING THE YEAR.

William M. Hyland—Arrow-heads and Shark's teeth from Hunnarhannet's Island.

T. D. Brooke—Fossil tooth from Montana.

Spencer S. Wade—Fossil Columite from Morris's Run, near Mt. Morris, Pa.

UNITED STATES SIGNAL STATION.

By direction of General Meyer, Chief Signal Officer of the Army, a signal station has been established at the University for the benefit of Commerce Agriculture and Science. It is, at present, in charge of Corporal Merrill, S. S., U. S. Army. Students are by this means furnished with special advantages for the study of Meteorology and related subjects. The frequent and carefully recorded observations taken by means of the most improved instruments will furnish accurate and reliable data for hereafter estimating climatic changes in West Virginia. By this means also, the newspapers, boards of trade, and river men generally, at Pittsburgh, Wheeling and Cincinnati, if they so desire, can be reliably advised of special movements in the river at the head of navigation. Corporal Merrill also teaches Telegraphy and Signaling, gratuitously.

LITERARY SOCIETIES.

There are two of these, the Parthenon and the Columbian, in connection with the University, supplied with suitable halls, tastefully furnished, whose exercises in Composition, Reading, Orations, Debate and Criticism are, in many respects, of great advantage to the student. They also afford facilities for the study of, and acquaintance with, Parliamentary forms, and the acquisition of business habits. The authorities of the University will afford every facility for increasing the accommodation and usefulness of these valuable auxiliaries.

LOCATION.

Morgantown, the seat of the University, is beautifully located on the right bank of the Monongahela river, Monongalia county, West Virginia. The scenery around is exceedingly attractive and picturesque. The place has long been famous for its social, intellectual and moral culture, and general healthfulness. Coaches leave every morning to and from Fairmont, on the Balti-

more and Ohio Railroad. There is also a daily conveyance between Morgantown and Uniontown, Pa. Steamboats from Pittsburgh arrive every day at Geneva, twelve miles below Morgantown, and Congress has made liberal appropriations for the continuance of slackwater navigation in the Monongahela as far as Morgantown. A place more eligible for the quiet and successful pursuit of Science and Literature is nowhere to be found.

GROUNDS AND BUILDINGS.

The buildings are eligibly situated, and are admirably adapted to the purposes of the University. They are immediately outside, and within a few minutes' walk of Morgantown. The campus is ample, and is a fine natural park. The grounds command a wide and noble prospect; the town, the river, the bridge, the mountains, all feast the eye and soul. The buildings are models of architectural beauty and convenience, and are *healthfully* constructed and heated. In addition to Preparatory Hall, the Armory has been furnished, and is now occupied. The splendid University Building has also been finished and furnished. The Commencement exercises of 1878-9 were held in its spacious and elegant Hall. Year by year, all the appointments of the University grow more desirable and attractive. It is surely winning its way to the lasting affection and deserved support of the people of West Virginia.

W. M. Johnson

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THE

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West Virginia University.

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For the Bulletin.

A COMMERCIAL CRISIS.

A Crisis is the point of time when any affair or course of action must terminate or take a new turn; a turning point. A Commercial crisis is that point in the course of trade where speculators attempt to realize money after a season of excessive speculation. The result of this attempt is a general inability to meet obligations, bankruptcy and prostration of business. The causes of a crisis will be briefly considered.

There are two prevalent theories as to a commercial crisis. One is that it originates by mismanagement of the banks and an undue expansion of circulation. The other regards banks as passive, and finds the characteristic phenomenon of the occurrence in an unlimited extension of private credit. One maintains that an expansion of currency always precedes a crash; the other that it is the rise of prices, which always precedes a panic, which produces the very inconsiderable expansion there is; that the expansion is an effect and not a cause of the crisis.—The latter theory is evidently the just one.

Let us take a view of trade from quiescence through its different phases back again to quiescence,—First quiescence—improvement—confidence—prosperity—excitement—overtrading—rush to market in hope to realize—pressure—stagnation—distress—quiescence again. Suppose circumstances indicate rise in the price of some commodity, dealers enlarge their purchases in hope of profit; their purchases produce still higher prices. Other speculators are attracted into the business, and their operations cause a still further advance. The price thus obtains an unnatural elevation, and those who have accumulated a large stock of the commodity become anxious to sell. Here is the Crisis, the turning of the tide. Instead of advancing, prices begin to decline. Holders rush into the market to avoid further loss, and their eagerness to sell now causes rapid and unnatural decline of prices. Men

are unable to meet their demands on account of pressure; stagnation of business ensues, and soon distress comes upon the unfortunate traders. Now it does not seem natural that banks could produce, or aid in producing, such phenomena, when we consider that very little actual money changes hands even in our most populous marts. Merchants do not require much money to effect their trade.—Indeed they would rather sell fifty thousand dollars worth of commodity on six months time, than lend five thousand dollars for the same time. And such is their mode of doing business. A person may give his own promise to pay, or the bank's promise to pay; to his own there is no limit; those of the bank cannot be issued in excess. A convertible paper currency cannot be issued beyond a fixed limit; the whole amount of money needed being an invariable quantity. Hence the power of making extravagant purchases depends not on the amount of circulation, but on the extension of credit. Granting a double amount of currency in circulation (an impossibility) even that could not effect trade, since the surplus must go to the floating capital seeking borrowers. A mountain of indebtedness may be created without the transfer of a dollar. As the amount of convertible currency is fixed, the expansion of prices must sometime cease, if to it we attribute the expansion, and a failure in business would be a practicable impossibility. Take away credit and there is no danger of a crash. Keep up credit, and extend it, and you are sure of a panic whenever the last purchaser rushes to market. It is the inability of the last buyer to meet immediate demands upon which a long list of creditors are depending, which causes a general inability to meet obligations.

The foregoing observations hold as to any and all commodities. Hence as a commodity is more universally prevalent, so in proportion will be the generality of the panic.

But as stocks are more universally a motter of barter and sale than produce, a crash in that market must be more general than in any other. The last panic was the effect of such trade, hence its general prevalence; caused by the inability, at an unexpected change in the stock market, of a few debtors to meet their creditors' demands. Hence, pressure—stagnation—distress—and now, quiet.

Foolish then the claims of the inflationists, since confidence restored, by means of expansion, could but accelerate another crash, for although inflation should for a time relieve the pressure, the confidence thus anomolously restored woule beget a reckless expansion of credit, and hurry a crisis greater in proportion to the amount of depreciable currency.

(Continued.)

A SHOUT FOR FREEDOM.

BY P.

Let us next notice some of the evil effects of Tobacco on the mind. Owing to the close connection of the body and mind, no injury can result to the former without injury to the latter. The memory, the imagination, consciousness, reason, in fact the entire intellect becomes almost useless, is rendered less able to perform its functions, and that most terrible disease, congestion of the brain, is very often the result. Do you want stronger confirmation of what I say than the thrilling narratives of Chief Justice Parker, and Senator Stafford, of New York?— Both of these men were disqualified for the duties of their professions by the use of Tobacco, and it was not till they totally abstained that they could resume work. Lawyers, physicians, clergymen and business men all over the land incapacitated for duty, broken down, nervous imbeciles—the victims of Tobacco! Still is a "little matter!"

Next, the moral bearing of the subject. We hold that Tobacco using is a great moral evil. One of the first requirements of the moral law is to ,,abstain from the very appearance of evil." Useless loss of property, time or money is immoral.— How often has the cigar or pipe been the cause of immense loss of property. In the cities, whole squares, sometimes the cities themselves, burned to the ground and hundreds of lives lost by this means. Life is not safe where it is used, for if it does not kill in one way it does in another. Loss of time has a bad tendency. "Time is money" said Franklin, and it is an old saying that two things cannot be done at once and both be done well. No better illustration of this truth can be had than the subject before us.— You cannot smoke and chew and perform other duties properly. Time will be lost, lazy habits contracted and idleness, that root of evil, hold sway. Then the victim is ready for anything. For "an idle brain is the Devil's workshop," and an idle man actually temps the Devil. If idle habits are formed they are hard to eradicate, and the usefulness of the individual is decreased. Surely this a great moral evil.

The useless expese of the habit.— This cannot be successfully denied. The United States pays two billion dollars for the filthy weed which never has and never can do any good. This sum is more than enough to liberally support all the institutions of learning in the country, furnish all the paupers with food, houses

and raiment, with a surplus of millions more than is given for beneficent purposes by all the Christian organizations in the land. If the Gospel had received the support Tobacconists have, long ago the world would have been civilized and Christianized.

The money spent for Tobacco, by an individual, during a life-time, if saved, would make him and his family wealthy, whereas he spends all this money uselessly, little at a time, perhaps but cents.

(To be Continued.)

ELOQUENCE.

[The following piece was written for the caution and instruction of lawyers more especially; but we copy it as containing matter of importance to all public writers and speakers. Hope some of our correspondents will profit by it.—Eds.]

Be brief, be pointed; let your matter stand
Lucid in order, solid, and at hand;
Spend not your words on trifles, but condense;
Strike with the mass of thought, not drops of sense;
Press to the close with vigor once begun,
And leave (how hard the task!) leave off when done;
Who draws a labored reasoning out,
Puts straws in lines for winds to whirl about;
Who draws a tedious tale of learning o'er,
Counts but the sands on ocean's boundless shore;
Victory in law is gain'd as battles fought,
Not by the numbers but the forces brought,
What boots success in skirmishes or in fray,
If rout and ruin following close the day?
What worth a hundred posts maintained with skill,
If these all held, the foe is victor still?
He who would win his cause, must frame
Points of support, and look with steady aim;
Attack the weak, defend the strong with art,
Strike but few blows, *but strike them to the heart*:
All scattered fires but end in smoke and noise,
The scorn of men, the idle play of boys.
Keep, then, this first great precept ever near,
Short be your speech, your matter strong and clear,
Earnest your manner, warm and rich your style,
Severe in taste, yet full of grace the while;
So may you reach the loftiest heights of fame,
And leave, when life is past, a deathless name.

SENIOR PERFORMANCE.

It was our pleasure to attend the last Senior performance. The productions were average, well delivered and appreciated by the audience.

The first was a paper by Mr. Adams—not John Quincy nor Chas. Francis, but Samuel Shugart, whom the fairs call Sugar. His subject was "The Mormon Proposition," very well handled indeed. The truth was well spoken when Mr. Adams said that the Mastodon of Mormonism stands with his tusks festering in our moral flesh. The only regret is that Mr. A. did not tell us how to rid ourselves of this monster.

Mr. R. H. Dolliver next entertained the audience with an oration on the subject of "Hero Worshippers.' After showing, at some length, man's inherent propensity to worship some object, he particularized by saying that he is very prone to worship his own species. A reflection, for a moment, upon the nature of the human mind would have taught him the absurdity of this opinion. If Carlyle realized and deprecated such a practice, it must have been for want of saying something odd. Its existence is merely subjective. The production was a good literary perfomace.

Mr. Martin then read an essay on the "Old Year." Subject was commonplace; and well, but discursively handled.

The fourth performance was an oration by J. P. Dolliver. The subject was "Increase of Population." He treated it like a night-bug does the ceiling—hitting it here and there and there, but when he did hit it, coming down like a ——.

J. J. Peterson then read a very nicely prepared paper on the subject of "Silent Influence." Judging from the sweet and pathetic tone in which "Pete" read his production, we should conclude that some fairy-fingered Amazon had woven around his heart a silken network, and was thus silently drawing, wooing, influencing poor Senior away.

By and by came A. L. Purinton, to the tune of "By and By." Evidently our friend Aaron has been disappointed, in some manner, (but how, who shall say? has some maiden suddenly cast to ground his high-built castles?) and is thus comforting himself with the assurance of a happy by and by. The oration was was well prepared, and very well delivered. Performances were a success. And further the deponent saith not.

REPORTER 1.

Published by request.

WILL.

BY A. G. DAYTON.

"O well for him whose will is strong!
He suffers, but he will not suffer long;
He suffers, but he cannot suffer wrong."

TRULY has Tennyson spoken in these lines. Time past and time present presents us many examples to prove this. He whose will is strong may, and is the only one who can, "rise on stepping-stones of his dead self to higher things." Life's battle is a fierce one, and only the strong-willed one can, by facing its turmoil and strife, come off conquerer n the contest. In all our designs we must expect opposition, and that opposition must be surmounted. It would be needless to cite them for we know them too well.

The daring accomplishments of Napoleon were the achievements of his indomitable will. Yon who know the history of the life of the mighty Cæsar, will not doubt his firmness and resolution when you remember how, almost at the very moment of his attack upon the forces of Ariovistus his men were so much freightened by the reports concerning the foe, that they were on the point of rebellion. With everything against him, surrounded with difficulti that would have overwhelmed most men, he, with a calm and composed spirit, and a resolution as unshaken as the firmest rock, undaunted by the difficulties that lay before him: by his own daring and couage he infused a new life into his terrified troops; so much so, indeed, that they were impatient to attack the very forces that an hour before they had so greatly feared.

Again, how litle did Solon, the ancient philosopher, when speaking to the richest king of his time, realize, when he exclaimed:

"*Pan esti anthropos sumphora*"

that the king he was addressing would have an occasion to remember his words by having them called to mind by the accomplishment of his own downfall, and the ruin of his hopes Yet Cyrus, rising from the many difficulties that surrounded his birth, with a soul ready to risk and dare anything, not only reduced the rich and powerful Crœsus to a state of perfect subjection, but still continueing his daring course he succeeded in the accomplishment of the wonderful feat of reducing the mighty Babylon.

But we need not turn so far back over the pages of history to find nobler and sublimer examples than these.—Look over the lives of English writers. See Samuel Johnson toiling on and on through all those long and weary years; see his struggles with poverty and see how often he was nearly overcome by it, then see him conquerer at last, but ascribe it all to his unconquerable will.

Take the example of Walter Scott, and not a nobler one can be found on

history's page. Contemplte with him the immense debt of over a half a million of dollars resting upon his shoulders tnrough the failure of Ballantynes, and consider if you would allow so delicate a sense of honor influence you as it did him; if you would, by wearing your very life away, endeavor to pay off such a debt, or, by embracing the shift of the law, escape from such a burthen. Few would, like him, have attempted to brave such waves of adversity, but would have given up in dispair and sunk beneth the financial crisis. But he, his strong will undaunted, forsaking all his former hopes and aticipations, giving up all his wealth and amusements, retired to a room in Edinburgh, went to work and raidly paid off the debt; and although the overworked bodily frame gave way, he died conscious of the fact that by his unconquerable resolution he had accomplished an almost superhuman task, and had saved the mansion at Abbottsford for his children.

We all admire the bravery of Fitz-James as related in the "Lady of the Lake," written by the above mentioned author, when he found himself surrounded by all "Clan-Alpine's warriors true," and discovered that he was face to face with Rhoderick Dhu himself, whom he had a few minutes before defied, when traced against a huge cliff of stone, he exclaimed;

"Come one, come all, this rock shall fly,
From its firm base as soon as I,"

and yet we see men on all sides of us who supported by the firmest rock, their will, bravely dare the world's dangers.

When a person of this kind is surrounded by difficulties, when sorrows crowd upon him, for we must all endure sorrows even unto the sorrows of death, when insult and contumely and world's bold proud scorn overtake him, when afflictions come upon him and his heaven shows no sun, and no star to lighten the awful darkness and gloom that envelopes him when the storm adversity howls around him and he is driven before its strong wind to close proximity to loud roaring breakers. He dispairs not but with a heart unmoved by his surroundings, guided by the lamp of past experience he pushes, ever on and soon he finds himself arising above his scoffers and scorners his sorrows banish before the magic touch of his all enduring faith, the worlds opinion is no longer regarded by him, he finds the darkness and gloom but as a veil and soon emerges into a glorious dawn, the storm ceases the waves retire leaving him far better prepared to endure future trials enlightened by past experience. He abondons the past and on the steppingstones of his dead past he rises to a higher and nobler existence in the world. Truly,

"'Tis well for him whose will is strong"

Editor's Table.

The *Harvard Advocate* contains an account of the arrest of two students by the Police of Cambridge. The offence was singing on the College grounds, and the fine was $45.30. We believe this spirit of hatred among the lower classes, toward the students, exists at the seat of nearly every college. Here, if a stone is hurled through a street-lamp, we hear it remarked "the students did it," "the town will be burned by them yet," "life is not safe where they are," etc. By this class of persons students are regarded with about the same feeling that a host of escaped convicts would be. We are glad to say that the more intelligent portion of the citizens regard them with feelings of quite a different character, and are glad to have them in the town.

A Letter was recently received by a Student which has an interesting history. It was addressed "Mr. ———, West Va. Institute." The Post Master at the office where it was mailed sent it to the Deaf and Dumb Institute, at Romney, but it did not find its owner, and was forwarded to the Insane Asylum, at Weston, but with no better success. The Director wrote upon it; "The man is not a lunatic, send it to Moundsville," where it shortly arrived, but the Superintendent of the Penitentiary finding it did not belong to any of his boarders, wrote upon it; "The man is neither deaf or dumb, nor crazy, nor is he yet a felon; he must be a man of learning, try Morgantown." The letter came here and found its owner.

Political.—We do not propose to convert our paper into a political journal, but we can see no harm in quietly giving the current political movements of the day, so here is our fling.

At present politics are somewhat muddled. "Louisana Troubles" fill every paper—after "The Great Scandal" has been dealt with. Tennessee unblushingly sends Andy Johnson to the U. S. Senate, while Massachusetts, with a taste of entirely different character, sends Hon. Henry L. Dawes, a man of honor and integrity, as the successor of Chas. Sumner. In our own State we have an interesting collection of human nature which expresses its desire to be called a Legislature. What this body will or will not do, remains to be seen. It has elected Allen T. Caperton to the U. S. Senate. Mr. Caperton is a graduate of Yale College, of the class of 1832. Beside this, and removing the Capital, this collection of Solons has succeeded in passing two bills. By the way, some one has caught the Public Printer in a

little "neighbourly" swindle, "so they say, and the Treasurer's banker is in jail but then greenbacks are handy to have about the house.. Surely, there must be some subtle influence which lures our officers upon the rock of their ruin—the State Treasury. These little adventures, in connection with a little episode of a like nature, that occurred two or three years ago, remind us forcibly of same loud promises of "reform," etc.

"MOI-MÊME."

Unâne, qui demeure à „Smoky-Holler," trouva par hasard une peau d' Editeur d'un petit „Heldomadair," démocratique, qui est à Fairmont. et s'en revêtit. Ainsi déguise é il alla dans les villes et à la campagne s' éfforcant de répandre partout la terreur, la consternation et les malices. Tous les braves hommes libéraux du parti démocratique et republicain fuyaient devant lui. Enfin il rencontra ses maîtres, qu' il voulut epouvanter aussi; mais ces bons hommes apercevants quelque chose de long aux deux côtés de la tete de l' animal lui dirent:

„Maitre laudet, quoique vous soyez „vêtu comme un lion, vos oriellea vous „trahisent et montrent, que vous n'etes „reellement qu' un âne."

Les sots ont toujours un endroit, qui les découvre et les rend ridicules.—L'esprit de vengeance est un juste sujet de mépris. NE PAS REVER!

THE Examination of candidates for tho Cadetship at West Point was held on Wednesday and Thursday, February 17th and 18th, 1875. There were six candidates; Messrs. Rowe, of Pruntytown, Taylor County, Scott, of the Fairmont Normal School, and Martin, Piter, Snively and Woods, of the University. The examination was rigid, and was a fair test of the mental capacity of the candidates. The result was that Mr. Woods was the successful man.

J. Hop. Woods is a resident of Philippi, Barbour County, and a member of the Class of '77, W. V. U.

THE *Grafton Sentinel*, poor thing, waxeth wroth because we have an opinion and dared express it. Well, perhaps we should not say what we think unless it agrees with the feeble ideas of that little "patent side" advertising poster. Its attack is so charateristically weak, that we scorn to throw away time upon it, but we wish it distinctly understood that this paper is *not* edited by the Faculty or under its auspices, (pray, who edits the best part of your sheet—the patent side?) And right here we would say a word to the many persons who are continally making themselves so officious as to give us advice concerning what we should or should not publish. We do not publish this paper from any promptings of policy whatever, and we shall continue to speak what we believe, and as we wish, no matter whom it may hurt, for we loathe a catering demagogue, such as the country is stocked with to repletion.

WE are authorized to say that T. Perry Jacobs *is not* the author of "A Shout for Freedom," which is now being published in our columns.

THE Contest between the Columbian and Parthenon Literary Societies is drawing near. It will take place on the evening of March 11th. So far there has been nothing done toward furnish-

[illegible] in the shape of prizes. We had hoped that some one would be liberal enough to assist the Socities in this way, as the prizes would go to them and not to the performers, but it seems that no one in the State is affected with such a stroke of liberality.

WASHINGTON'S BIRTH-DAY was celebrated by the Students in an appropriate manner. At nine o'clock all the Departments assembled in the University Chapel. There was also a *fair* representation from the Seminary and town. After singing by the Choir and prayer by Prof. Lyon, the audience was entertained with a Select Oration by Mr. Chas. P. Read of Wheeling, and then with a well prepared Address on the character of Washington, by Mr. J. Hop Woods of the Sophomore Class. After these exercises, at eleven o'clock, a salute of twenty five guns was fired by the Cadet Corps.

WE have before us two pamphlets; one "Notes on the Coal Measures of West Virginia and Pennsylvania," the other "Notes on the Coal Measures of Beaver County, Pa." They are from the pen of I. C. White, of the Class of '72. They are of much interest to those engaged in the Coal Trade—especially so to the trade of the Monongahela Valley.

These pamphlets are reprinted from the Annals of the Lyceum of Natural History, New York.

THE Reading Room seems to be a failure this term. There are about half a dozen managers, and *two* subscribers. They are continually accusing each other of stealing the papers, but we are of the opinion that they all borrow a few papers occasionally. Why could we not have a Reading Room which would benefit the *students*; one that would not be beyond the reach of all.

THIS.—When a Prof watches us while we are putting on our over-shoes, in the basement hall, thinking he will catch us in mischief, he should trump up a better excuse than "looking for the Janitor" for we will certainly send the Janitor to him, as soon as the Janitor can be found, as we did the other day.

WISE AND OTHERWISE.

Recitation in Chemistry.—*Prof.* "Mr. ———, fro a what source are vegetable oils obtained?"

Freshman. "Well, vegetable oils are all obtained from animal bodies except sperm oil, which comes from peanuts,

A Student of Marietta College went to a spelling school and spelled feminine *phegmanigne.*

Four students on their way to the bay for the first time, became doubtful as to the next turn, and hailed a laborer at work in a field.

Students.—"Hey! mister! which way do you take to go to the bay?"

Laborer.—(after gazing at the party as if doubtful of their sincerity.) "Any way you jist please."

Student.—"Now see here; my gentle friend, non combatibus pro bono publico, calico dis gustit polly wog bull frog tintinabulum. Dico te Arcadus stans in tecto domus prætereunti maledixit lupo cui ille respondit ergo dicite mihi, or perish inanfully in the attempt."

Laborer.—(respectfully.) "First road to the left."—[Ex.]

Why is a Freshman like a telescope? Because he is easily drawn out, easily seen through and easily shut up.

A failure in recitation is called a "slump" at Harvard, a "smash" at Wesleyan, a "stump" at Princeton and a "flunk" at Hamilton.—[Ex.]

It's called a "spend" here.

There are nine Regents of the University, and they all subscibe for the BULLETIN except *eight*.

EXCHANGES.

THANKS to the *Vassar Miscellany* for its encouraging remarks. If our ideas were very "wee" at first it was partly because we had not room to "spread ourselves." We fear it will be a long time before we are able to made our paper as interesting as this entertaining *Mis.*

The *Virginia University Magazine* is generally sober enough, but in its last issue, having heard the election news, gives vent to its feeling in this expression; "The next Congress of the United States will be composed of seventy majority in favor of the Democrats.—Glory be to God." We would like to say something to this outburst of party spirit, but it would make us feel as if we were "sassing" our grandmother, so we will content ourselves thinking about what it will say in '76.

The *College Herald* has a well timed editorial on criticism. It speaks especially of the criticisms among college papers, in which old ones make severe and uncalled for criticisms upon new ones. The article is very pertinent, and contains thoughtful suggestions for sensible minds.

The *Cornell Era* is an excellent weekly. We cannot contrive how the editors manage to make so good a paper and do it each week.

When our paper has reached its eighteenth volume we expect to see it somewhat larger than "a good-sized Sunday-school tract of ten pages," for the *Harvard Advocate* would have its readers believe the BULLETIN resembles such a publication. The *Advocate* is a good paper—not what it should be, taking circumstances into consideration. It is, however, the subject of a delusion when it supposes that upon *THE Advocate* falls the duty of correcting all the evils incident to college journalism. It gives us the *special* benefit of half a column or so of its lampoon. But we can stand it. We are like the old man whom his amiable wife was belaboring with a broom-stick; "it don't hurt us any, but it does Sarah Ann a power of good."

The *College Ohio* has been discussing "Compulsory Church Attendence" for some time. We hope it may succeed in convincing the college world that students ought to attend church from principle, and not because they are compelled to do it.

The *Hesperian Student* comes out in a new, and improved in other respects. The most marked improvement, beside the cover, is that it has nothing of that interesting (?) story "Three."

We have many more exchanges, which we would like to notice, but can not. We hope to be able to give a much more extensive review in our next issue.

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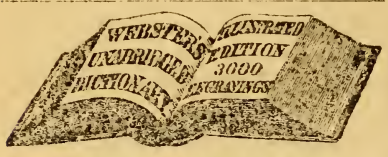

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